

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136531.D
 Acq On : 13 Dec 2023 11:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 13 11:59:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	105571	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	423071	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	218019	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	406258	20.000	ng	0.00
76) Chrysene-d12	13.974	240	219503	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	201173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	527628	73.810	ng	0.00
7) Phenol-d6	6.445	99	660711	74.080	ng	0.00
23) Nitrobenzene-d5	7.363	82	595082	76.040	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	205460	76.431	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1221192	76.430	ng	0.00
79) Terphenyl-d14	12.921	244	1359692	81.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	107350	37.967	ng	94
3) Pyridine	3.304	79	281553	41.119	ng	94
4) n-Nitrosodimethylamine	3.275	42	111310	37.417	ng	97
6) Aniline	6.463	93	415097	46.053	ng	94
8) 2-Chlorophenol	6.586	128	292821	37.522	ng	98
9) Benzaldehyde	6.351	77	179383	39.735	ng	96
10) Phenol	6.457	94	358850	37.812	ng	88
11) bis(2-Chloroethyl)ether	6.539	93	261056	36.903	ng	97
12) 1,3-Dichlorobenzene	6.739	146	303240	34.552	ng	96
13) 1,4-Dichlorobenzene	6.816	146	308310	34.630	ng	99
14) 1,2-Dichlorobenzene	6.969	146	288733	34.488	ng	98
15) Benzyl Alcohol	6.945	79	232654	38.955	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	312005	34.293	ng	95
17) 2-Methylphenol	7.057	107	249858	39.629	ng	97
18) Hexachloroethane	7.304	117	106913	34.396	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	189945	36.919	ng	96
20) 3+4-Methylphenols	7.210	107	301098	38.475	ng	96
22) Acetophenone	7.210	105	393127	37.630	ng	98
24) Nitrobenzene	7.381	77	288098	36.595	ng	98
25) Isophorone	7.616	82	524459	37.301	ng	99
26) 2-Nitrophenol	7.692	139	153025	39.538	ng	98
27) 2,4-Dimethylphenol	7.733	122	234893	49.219	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	319125	36.937	ng	97
29) 2,4-Dichlorophenol	7.939	162	244197	38.766	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	265710	36.174	ng	98
31) Naphthalene	8.098	128	861682	36.933	ng	99
32) Benzoic acid	7.863	122	138279	29.208	ng	99
33) 4-Chloroaniline	8.151	127	363737	43.731	ng	98
34) Hexachlorobutadiene	8.210	225	153414	35.242	ng	100
35) Caprolactam	8.528	113	75679	39.012	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	259174	38.750	ng	99
37) 2-Methylnaphthalene	8.786	142	584223	39.361	ng	94
38) 1-Methylnaphthalene	8.886	142	539146	37.017	ng	96
40) 1,2,4,5-Tetrachloroben...	8.957	216	267408	39.424	ng	99
41) Hexachlorocyclopentadiene	8.939	237	104733	41.678	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	168486	38.149	ng	99

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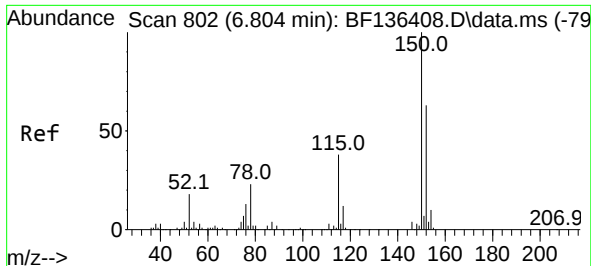
Quant Time: Dec 13 11:59:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	199268	40.425	ng	97
46) 1,1'-Biphenyl	9.257	154	715357	38.561	ng	98
47) 2-Chloronaphthalene	9.280	162	519485	35.978	ng	98
48) 2-Nitroaniline	9.380	65	153526	39.645	ng	88
49) Acenaphthylene	9.692	152	821687	39.949	ng	98
50) Dimethylphthalate	9.563	163	626585	39.036	ng	99
51) 2,6-Dinitrotoluene	9.622	165	139698	38.686	ng	97
52) Acenaphthene	9.869	154	509283	38.639	ng	96
53) 3-Nitroaniline	9.792	138	152847	41.450	ng	95
54) 2,4-Dinitrophenol	9.898	184	65556	35.906	ng #	88
55) Dibenzofuran	10.039	168	758126	39.373	ng	100
56) 4-Nitrophenol	9.957	139	105969	38.334	ng	98
57) 2,4-Dinitrotoluene	10.027	165	184004	38.518	ng	98
58) Fluorene	10.386	166	583526	37.753	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	152155	38.536	ng	99
60) Diethylphthalate	10.257	149	594215	37.647	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	289487	38.419	ng	98
62) 4-Nitroaniline	10.410	138	150444	41.088	ng	95
63) Azobenzene	10.539	77	539248	37.535	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	101849	40.480	ng	88
66) n-Nitrosodiphenylamine	10.498	169	515454	39.541	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	186228	39.427	ng	98
68) Hexachlorobenzene	10.933	284	198227	36.311	ng #	92
69) Atrazine	11.027	200	136386	36.656	ng	99
70) Pentachlorophenol	11.127	266	111267	36.113	ng	96
71) Phenanthrene	11.351	178	882544	39.523	ng	98
72) Anthracene	11.404	178	909364	40.433	ng	99
73) Carbazole	11.557	167	775920	38.979	ng	99
74) Di-n-butylphthalate	11.892	149	911422	37.349	ng	100
75) Fluoranthene	12.545	202	882020	37.693	ng	99
77) Benzidine	12.668	184	144154	32.751	ng	99
78) Pyrene	12.774	202	896807	41.717	ng	98
80) Butylbenzylphthalate	13.398	149	309415	40.432	ng	94
81) Benzo(a)anthracene	13.968	228	613524	40.127	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	195393	45.579	ng	99
83) Chrysene	14.004	228	579566	38.527	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	366302	39.045	ng	99
85) Di-n-octyl phthalate	14.574	149	479523	34.604	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	581222	41.587	ng	99
88) Benzo(b)fluoranthene	15.021	252	461181	33.529	ng	100
89) Benzo(k)fluoranthene	15.051	252	477537	36.840	ng	100
90) Benzo(a)pyrene	15.392	252	462144	40.684	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	475727	41.550	ng	99
92) Benzo(g,h,i)perylene	17.415	276	490110	41.705	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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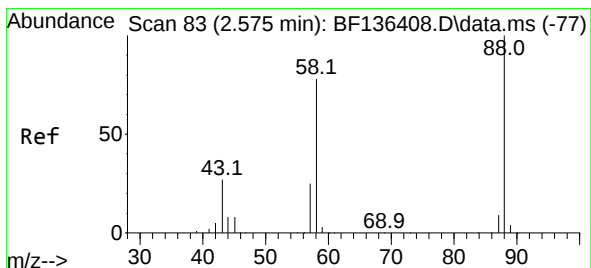
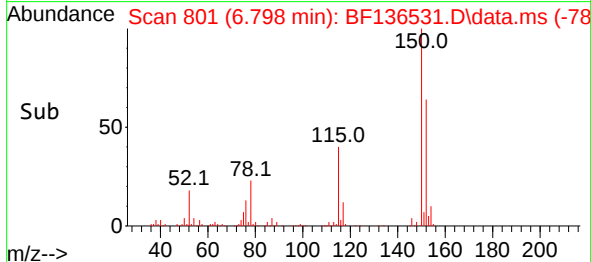
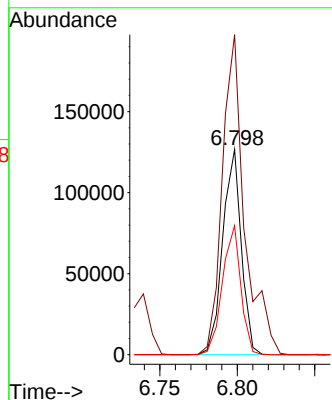
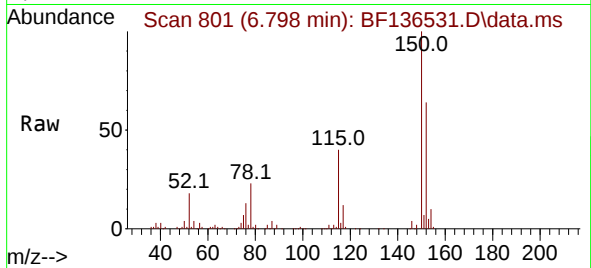




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

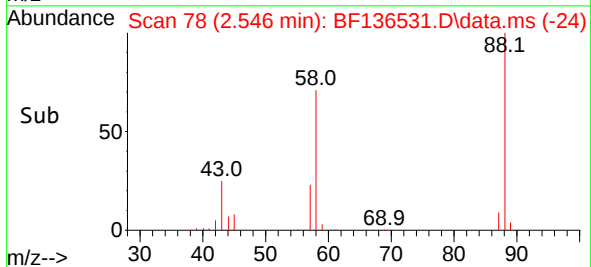
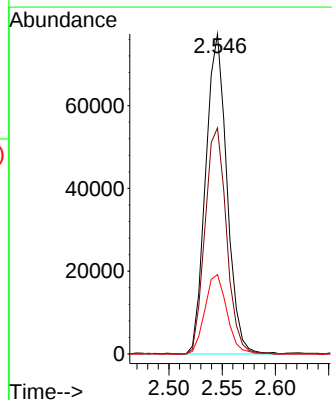
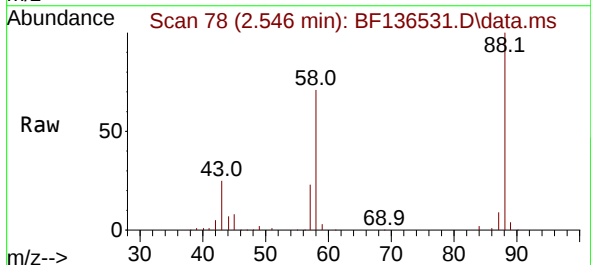
Instrument :
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 ClientSampleId :
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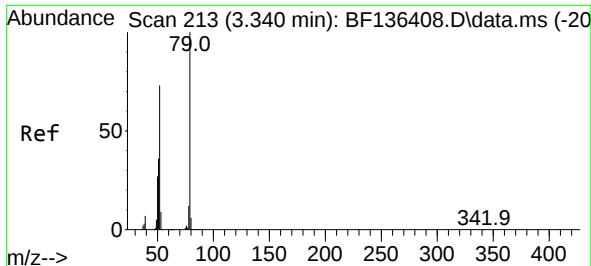
Tgt Ion:152 Resp: 105571
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.4 189.6
 115 62.8 48.2 72.4



#2
 1,4-Dioxane
 Concen: 37.967 ng
 RT: 2.546 min Scan# 78
 Delta R.T. -0.030 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Tgt Ion: 88 Resp: 107350
 Ion Ratio Lower Upper
 88 100
 58 71.4 62.2 93.2
 43 25.8 21.5 32.3

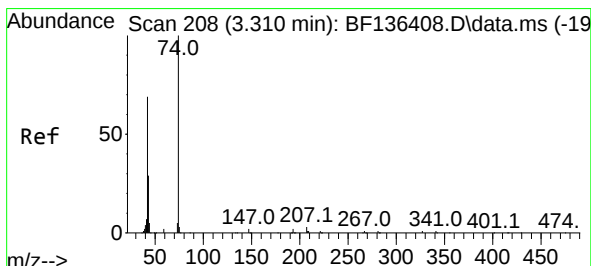
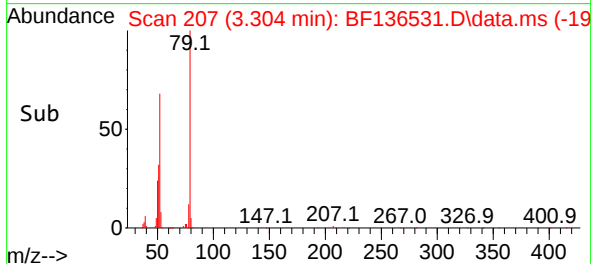
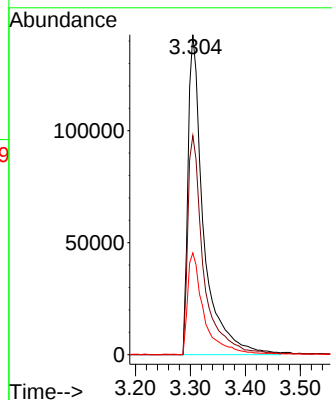
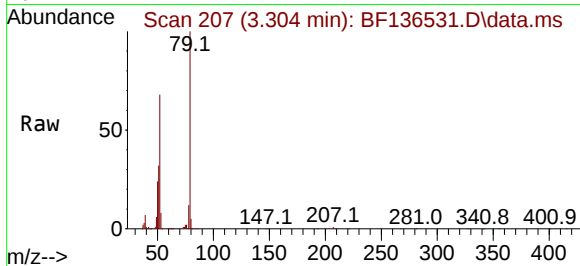




#3
 Pyridine
 Concen: 41.119 ng
 RT: 3.304 min Scan# 20
 Delta R.T. -0.035 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

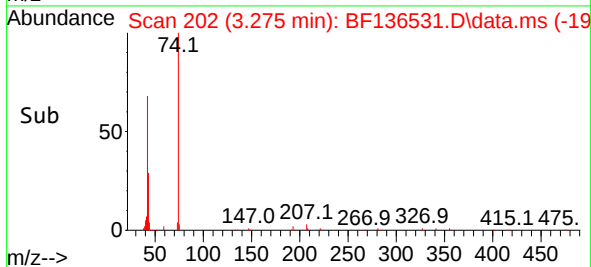
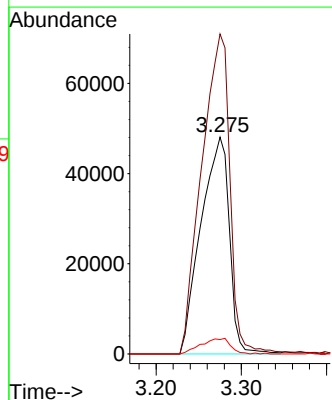
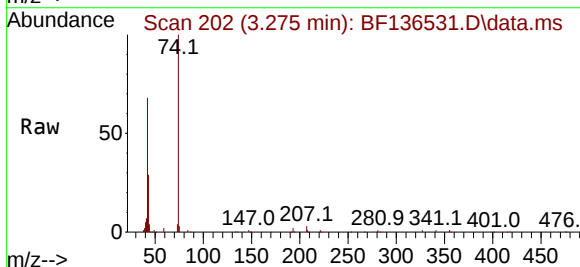
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 ClientSampleId :
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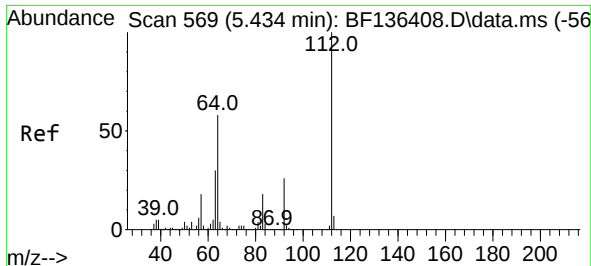
Tgt Ion: 79 Resp: 281553
 Ion Ratio Lower Upper
 79 100
 52 68.5 58.2 87.2
 51 31.8 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 37.417 ng
 RT: 3.275 min Scan# 202
 Delta R.T. -0.035 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Tgt Ion: 42 Resp: 111310
 Ion Ratio Lower Upper
 42 100
 74 147.6 115.4 173.0
 44 6.6 6.2 9.2

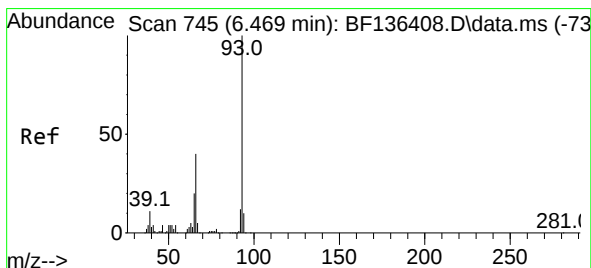
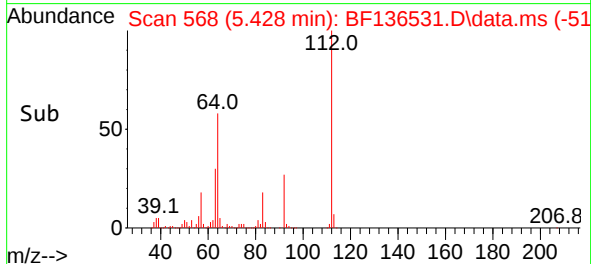
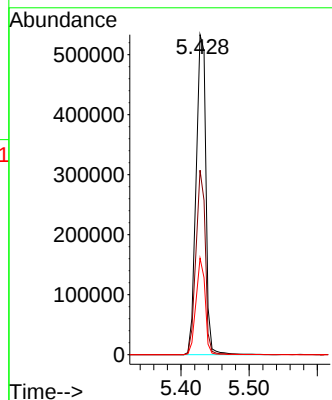
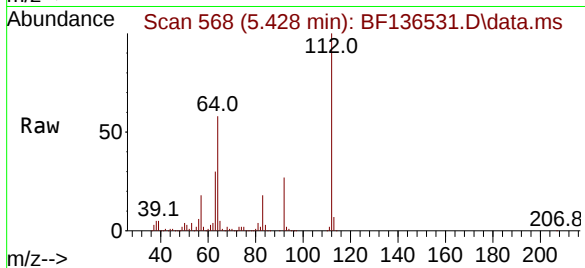




#5
2-Fluorophenol
Concen: 73.810 ng
RT: 5.428 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

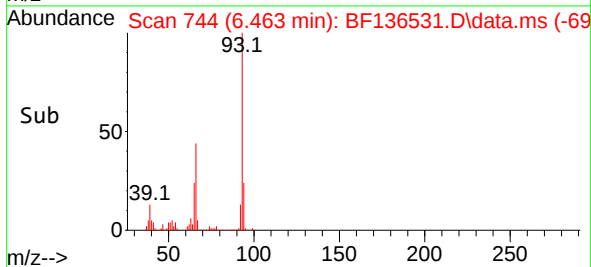
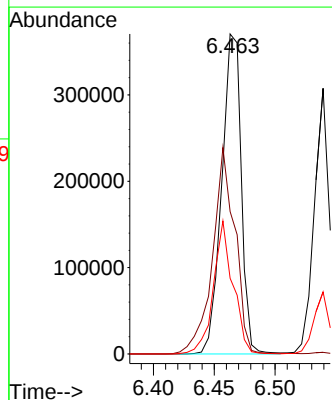
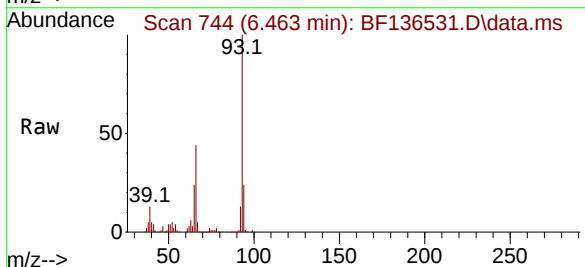
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Tgt Ion:112 Resp: 527628
Ion Ratio Lower Upper
112 100
64 57.7 46.5 69.7
63 30.2 23.9 35.9



#6
Aniline
Concen: 46.053 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion: 93 Resp: 415097
Ion Ratio Lower Upper
93 100
66 44.5 32.5 48.7
65 23.7 16.4 24.6

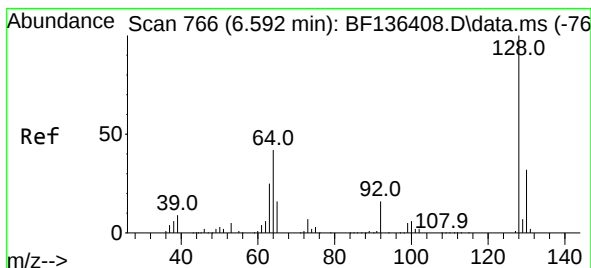
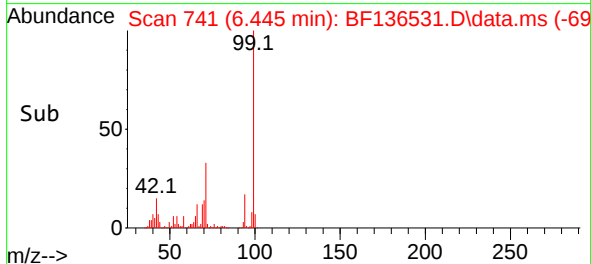
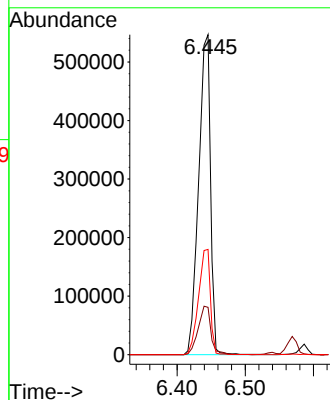
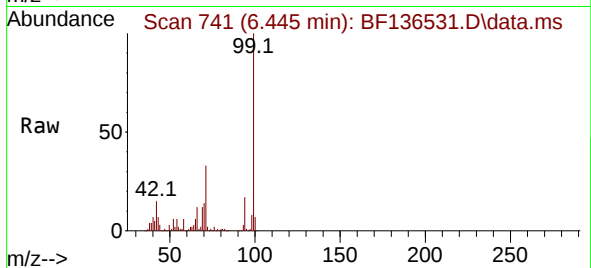




#7
Phenol-d6
Concen: 74.080 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

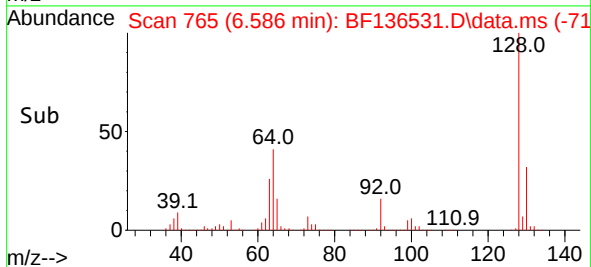
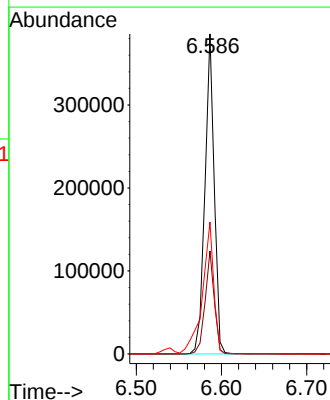
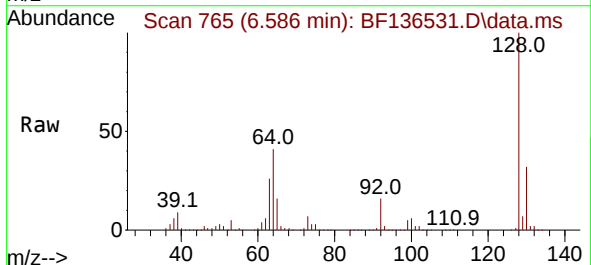
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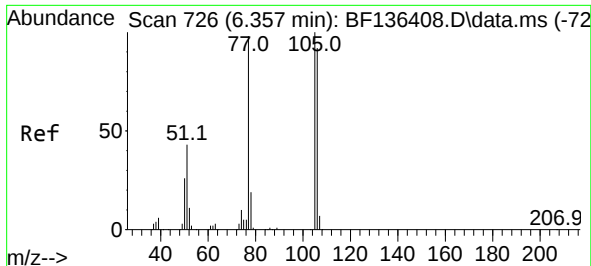
Tgt Ion: 99 Resp: 660711
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 32.9 27.0 40.4



#8
2-Chlorophenol
Concen: 37.522 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion: 128 Resp: 292821
Ion Ratio Lower Upper
128 100
130 32.2 11.7 51.7
64 41.2 22.5 62.5

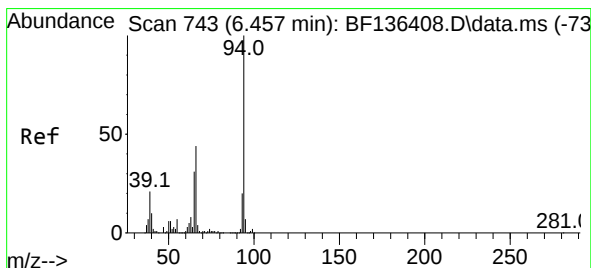
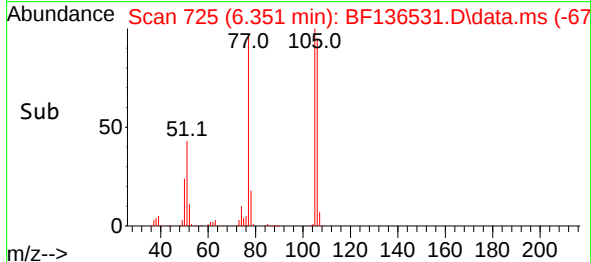
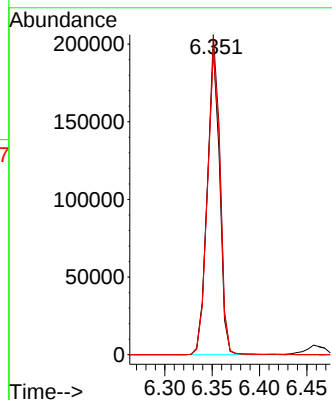
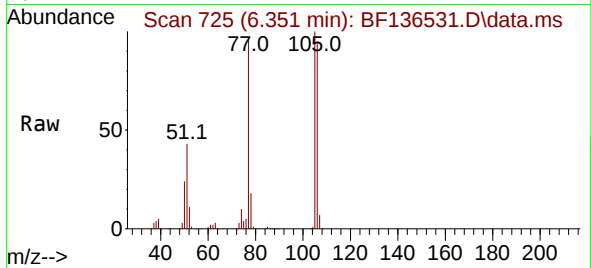




#9
Benzaldehyde
Concen: 39.735 ng
RT: 6.351 min Scan# 725
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

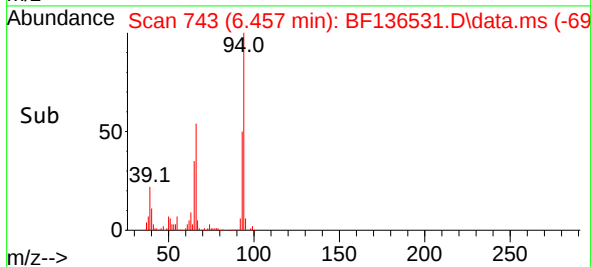
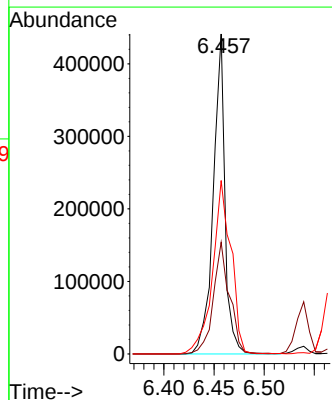
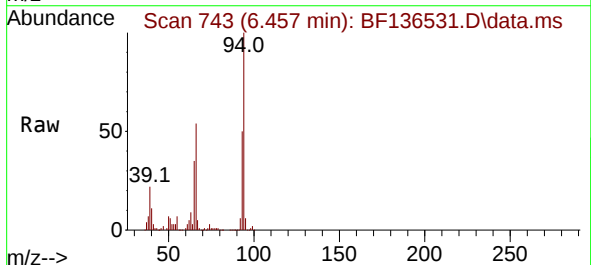
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 179383
Ion Ratio Lower Upper
77 100
105 104.6 82.5 122.5
106 99.4 74.5 114.5



#10
Phenol
Concen: 37.812 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion: 94 Resp: 358850
Ion Ratio Lower Upper
94 100
65 34.9 11.2 51.2
66 54.2 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 36.903 ng

RT: 6.539 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

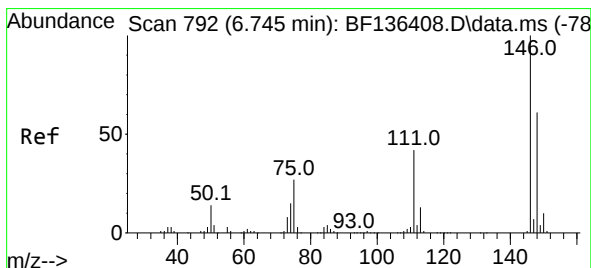
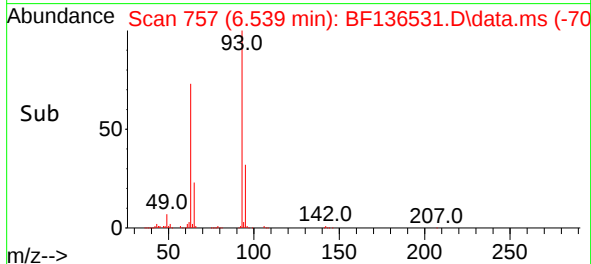
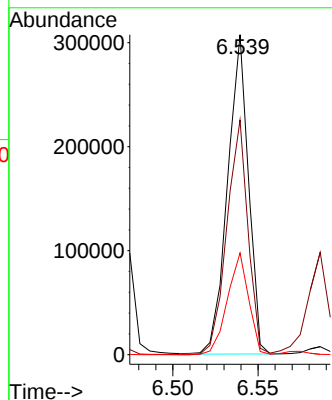
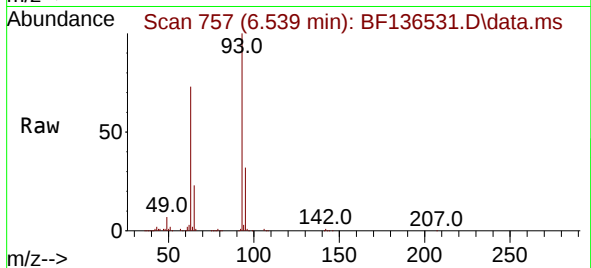
Tgt Ion: 93 Resp: 261056

Ion Ratio Lower Upper

93 100

63 73.4 56.8 96.8

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.552 ng

RT: 6.739 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

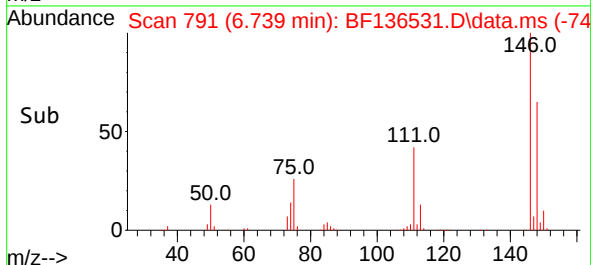
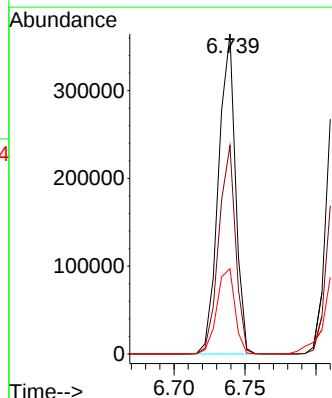
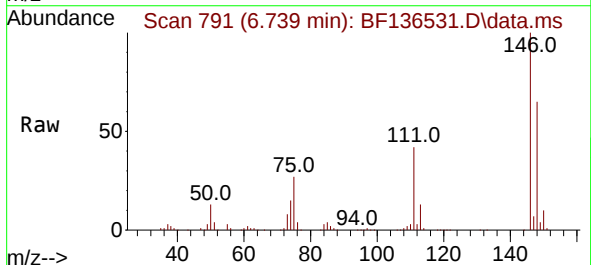
Tgt Ion:146 Resp: 303240

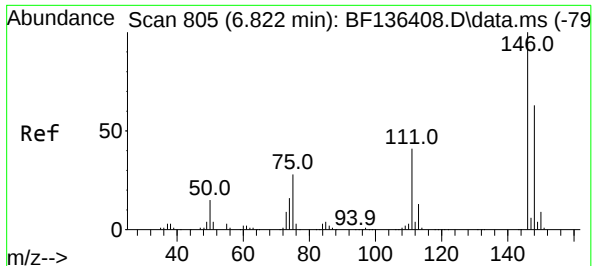
Ion Ratio Lower Upper

146 100

148 65.1 49.0 73.6

75 26.7 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 34.630 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

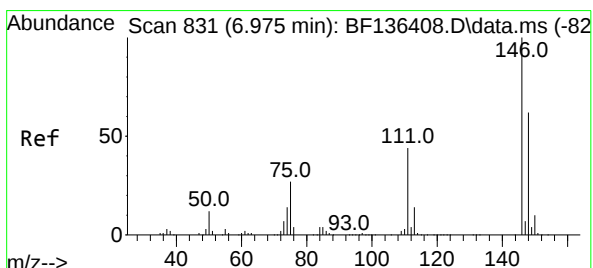
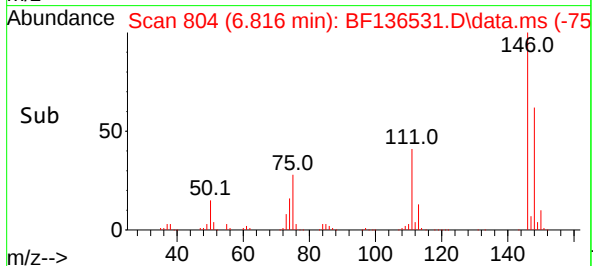
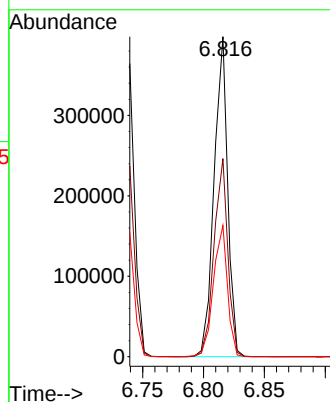
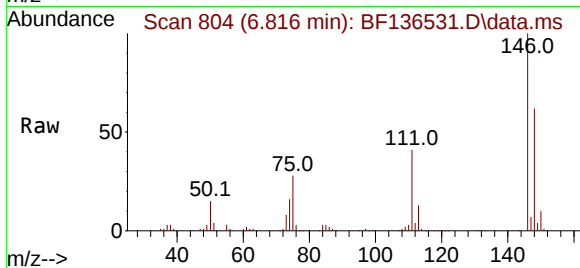
Tgt Ion:146 Resp: 308310

Ion Ratio Lower Upper

146 100

148 61.9 50.3 75.5

111 41.0 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 34.488 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

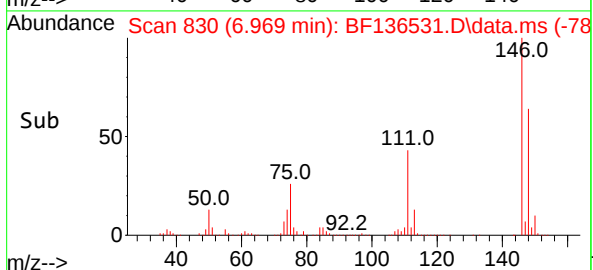
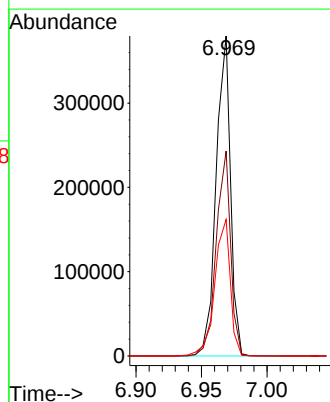
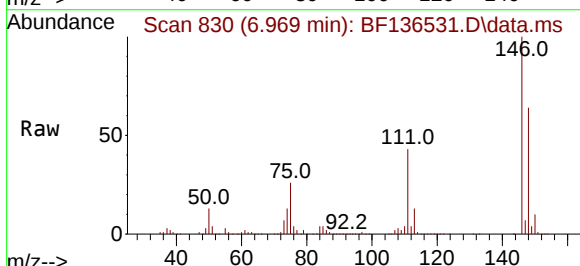
Tgt Ion:146 Resp: 288733

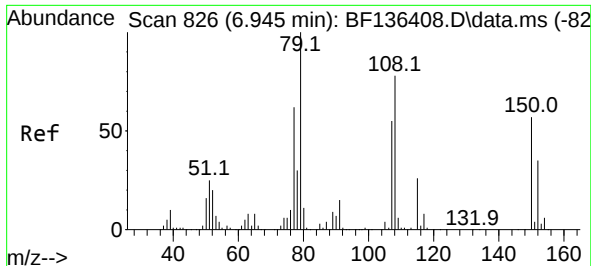
Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.6

111 42.7 34.9 52.3

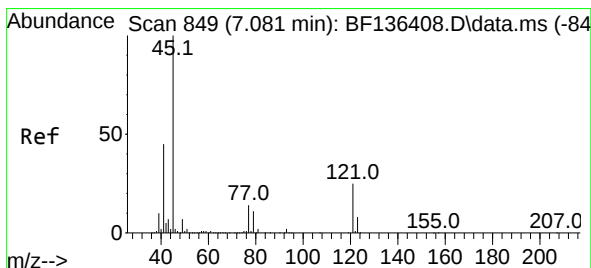
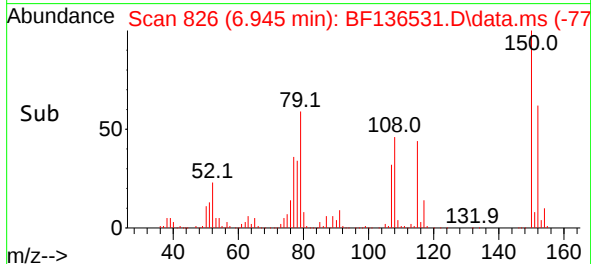
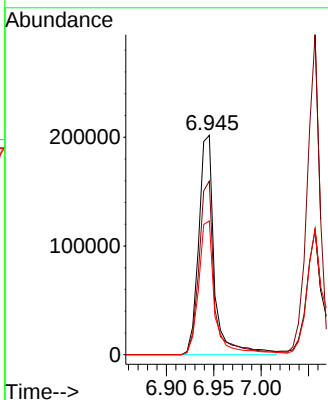
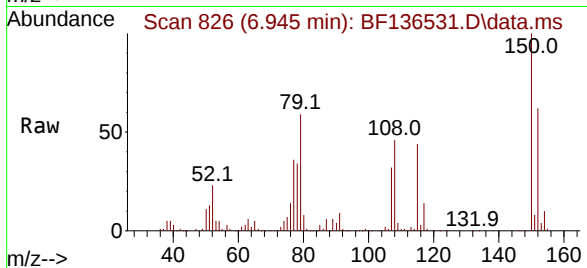




#15
Benzyl Alcohol
Concen: 38.955 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

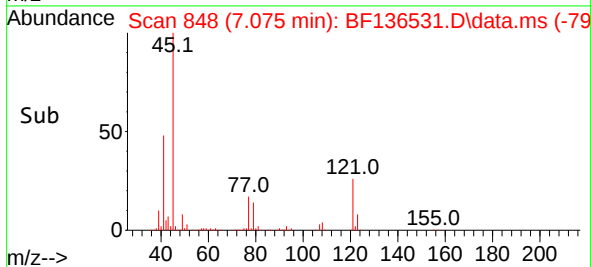
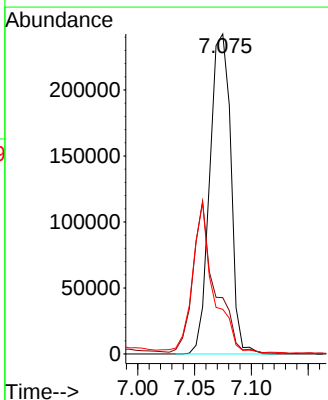
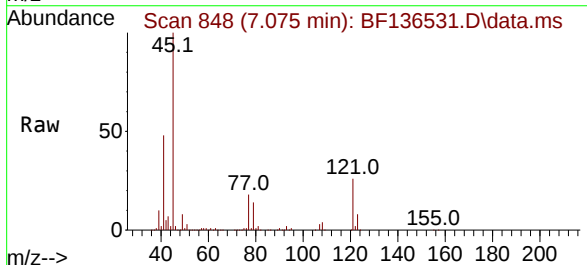
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 232654
Ion Ratio Lower Upper
79 100
108 79.1 62.3 93.5
77 61.0 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.293 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion: 45 Resp: 312005
Ion Ratio Lower Upper
45 100
77 17.6 0.0 35.3
79 14.0 0.0 32.5

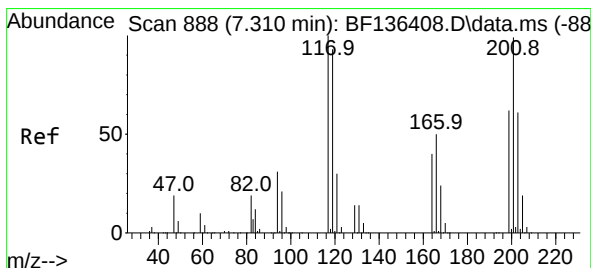
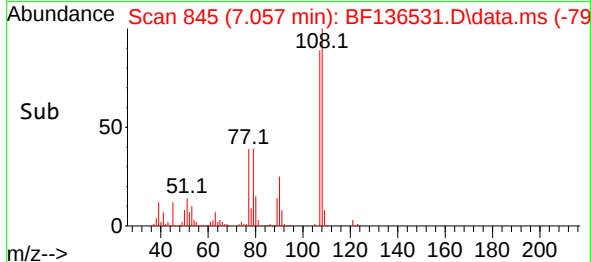
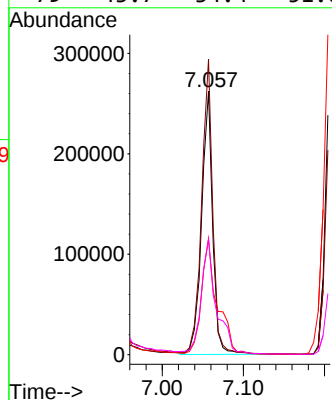
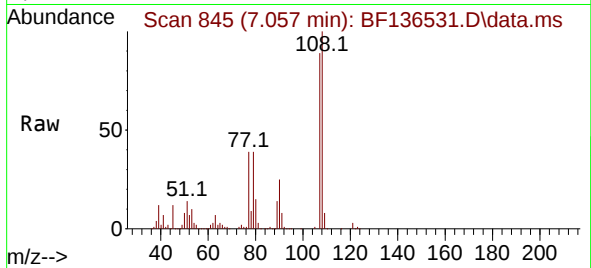




#17
2-Methylphenol
Concen: 39.629 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

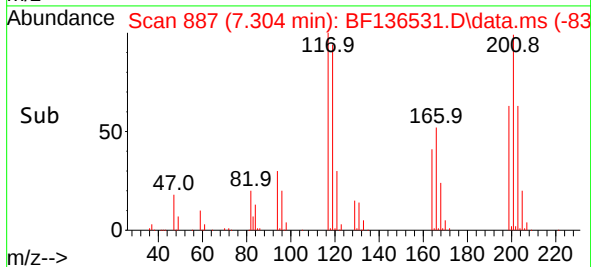
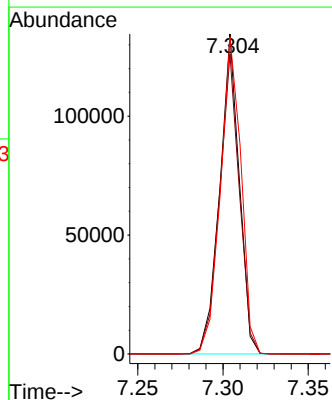
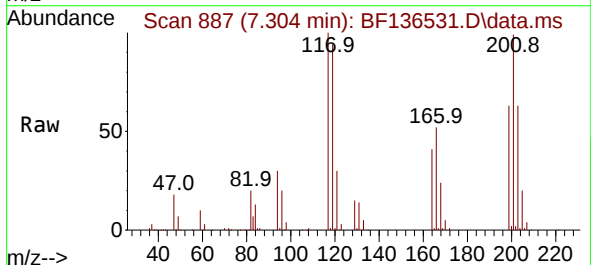
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

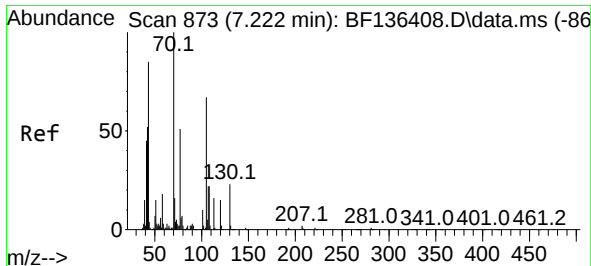
Tgt Ion:	107	Resp:	249858
Ion	Ratio	Lower	Upper
107	100		
108	112.3	86.5	129.7
77	44.2	33.8	50.8
79	43.7	34.4	51.6



#18
Hexachloroethane
Concen: 34.396 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:	117	Resp:	106913
Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.3	111.5
201	99.1	79.3	118.9

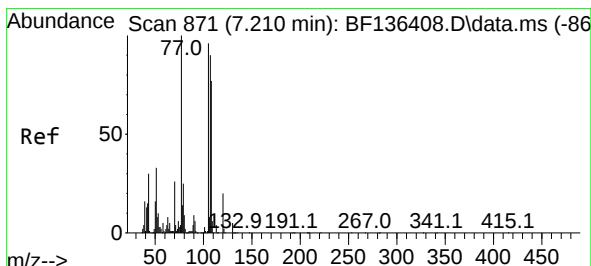
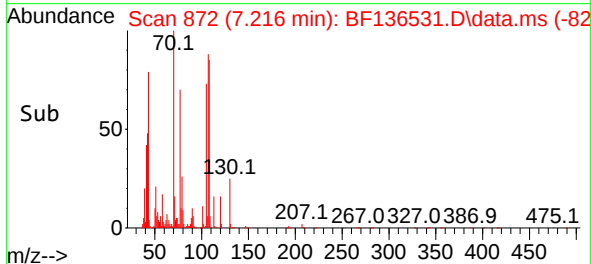
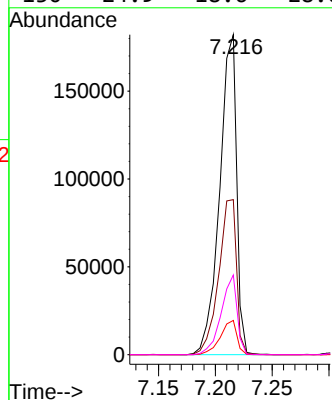
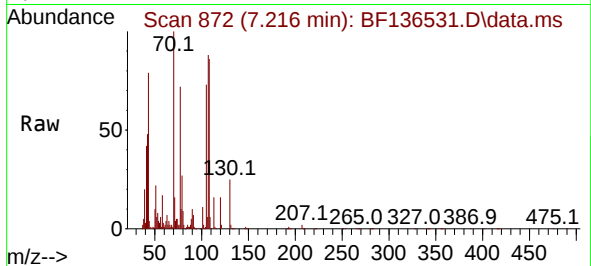




#19
n-Nitroso-di-n-propylamine
Concen: 36.919 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

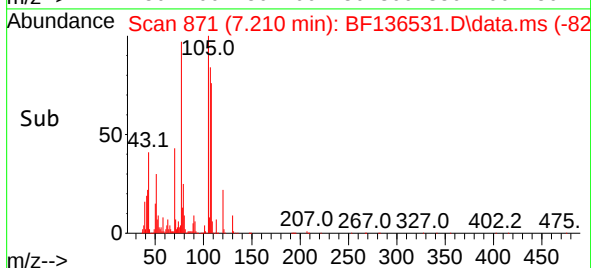
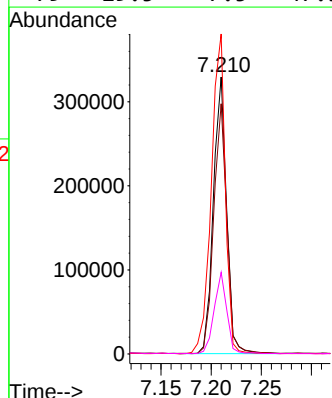
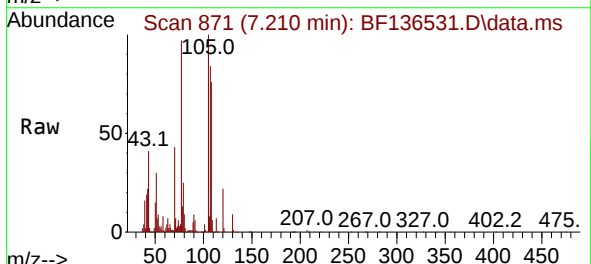
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

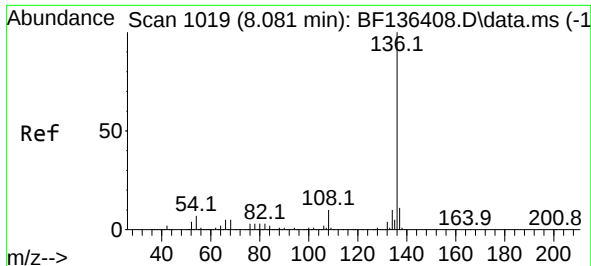
Tgt Ion: 70 Resp: 189945
Ion Ratio Lower Upper
70 100
42 48.5 41.4 62.0
101 10.7 8.2 12.4
130 24.9 18.6 28.0



#20
3+4-Methylphenols
Concen: 38.475 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion: 107 Resp: 301098
Ion Ratio Lower Upper
107 100
108 90.3 65.9 105.9
77 115.5 91.7 131.7
79 29.5 7.5 47.5

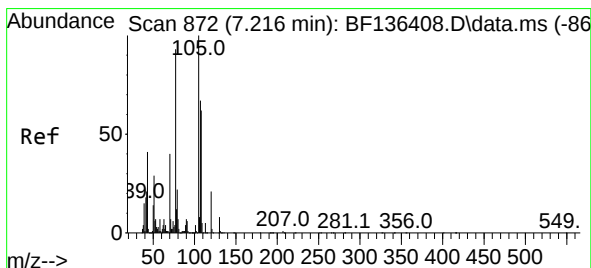
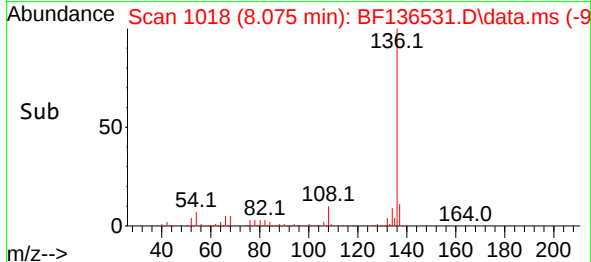
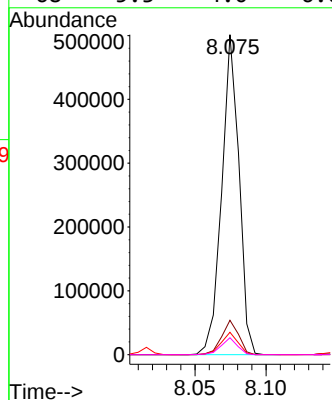
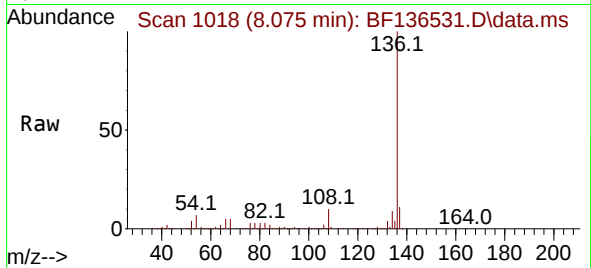




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

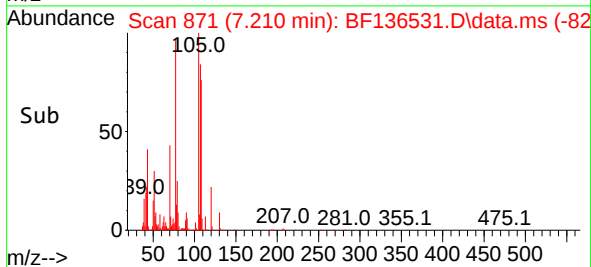
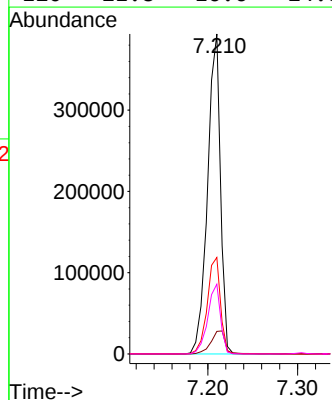
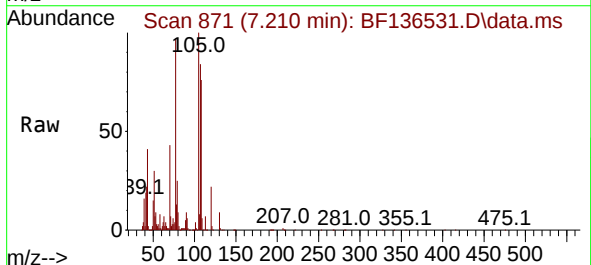
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

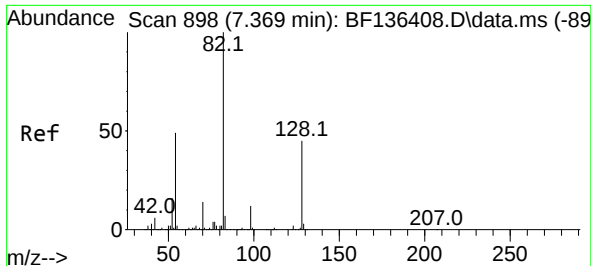
Tgt Ion:136 Resp: 423071
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.0 5.7 8.5
68 5.3 4.0 6.0



#22
Acetophenone
Concen: 37.630 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:105 Resp: 393127
Ion Ratio Lower Upper
105 100
71 7.1 5.4 8.0
51 30.2 23.4 35.2
120 21.8 16.6 24.8





#23

Nitrobenzene-d5

Concen: 76.040 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

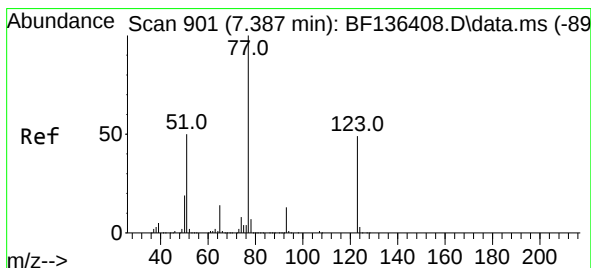
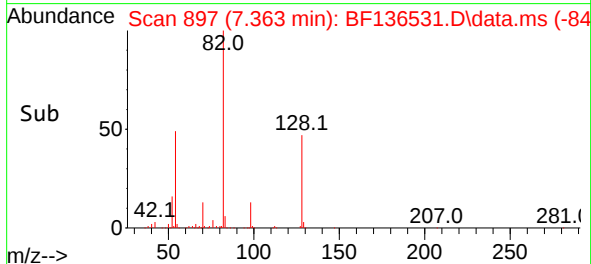
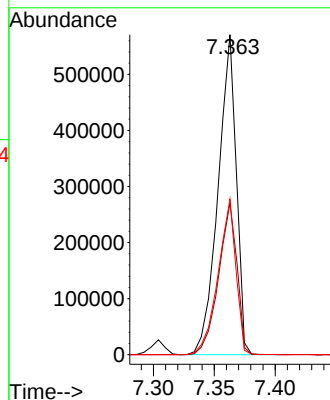
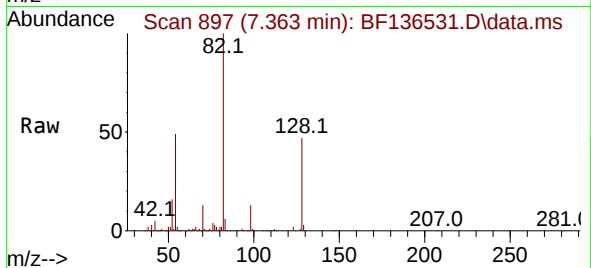
Tgt Ion: 82 Resp: 595082

Ion Ratio Lower Upper

82 100

128 47.4 36.3 54.5

54 48.6 39.0 58.6



#24

Nitrobenzene

Concen: 36.595 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

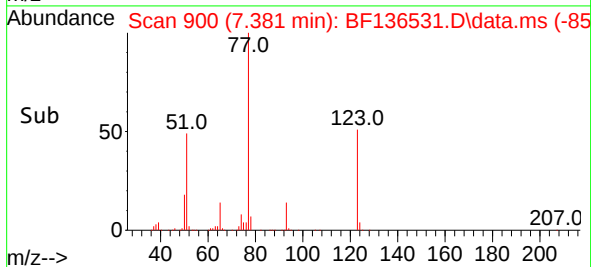
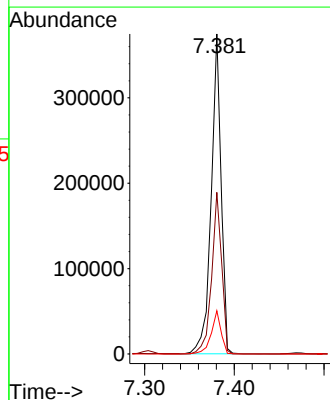
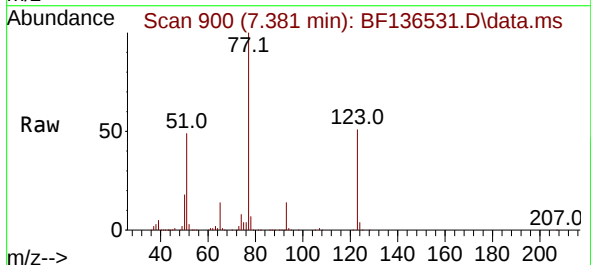
Tgt Ion: 77 Resp: 288098

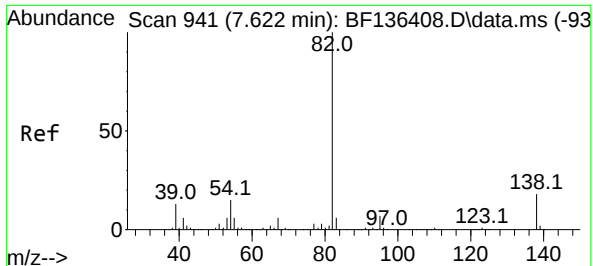
Ion Ratio Lower Upper

77 100

123 50.5 39.0 58.6

65 13.5 11.3 16.9

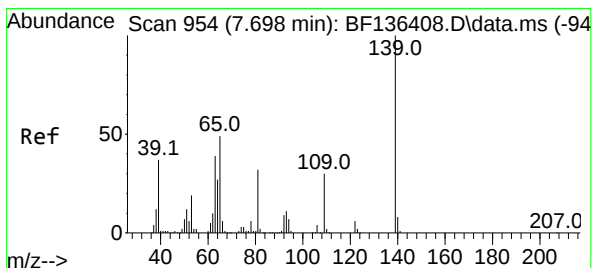
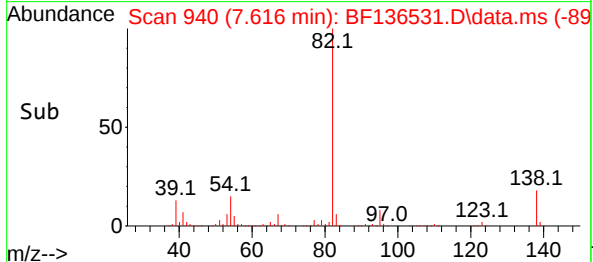
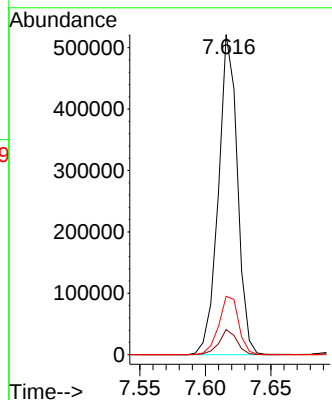
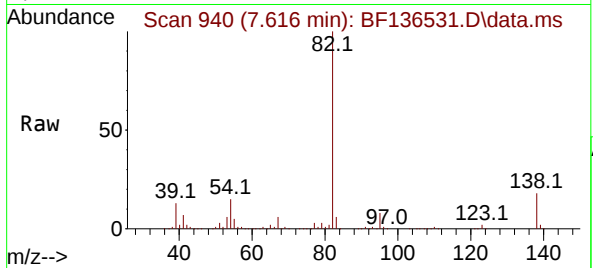




#25
Isophorone
Concen: 37.301 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

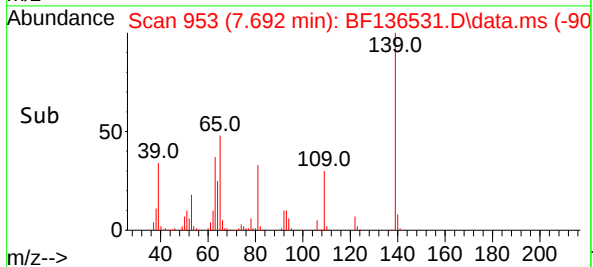
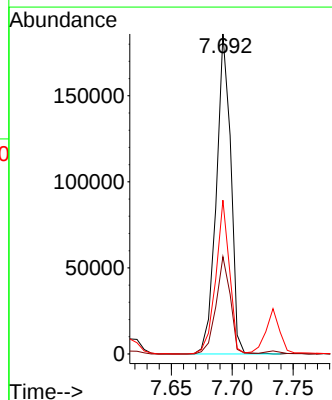
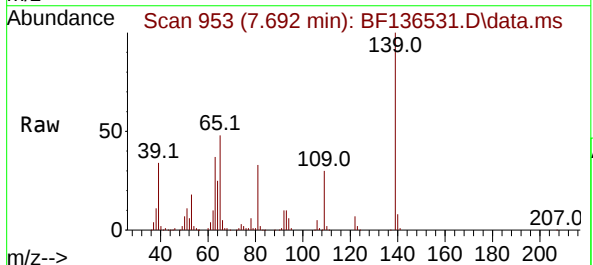
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

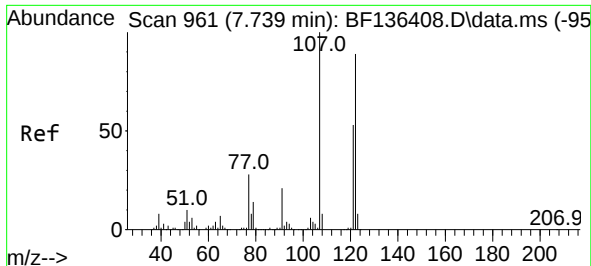
Tgt Ion: 82 Resp: 524459
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 18.2 14.5 21.7



#26
2-Nitrophenol
Concen: 39.538 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion: 139 Resp: 153025
Ion Ratio Lower Upper
139 100
109 30.4 23.6 35.4
65 48.1 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 49.219 ng

RT: 7.733 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

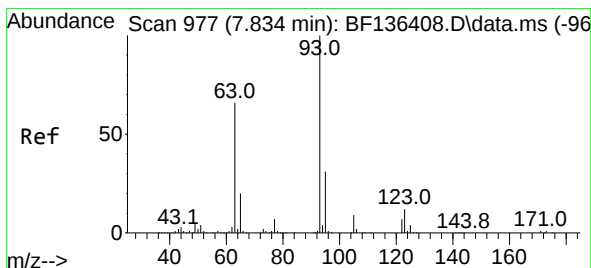
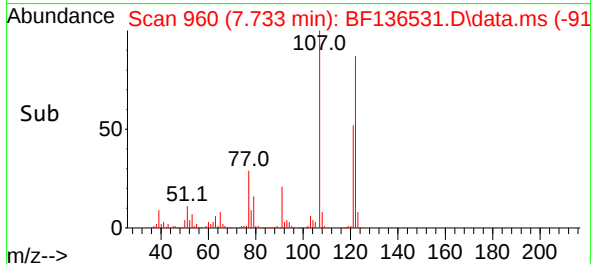
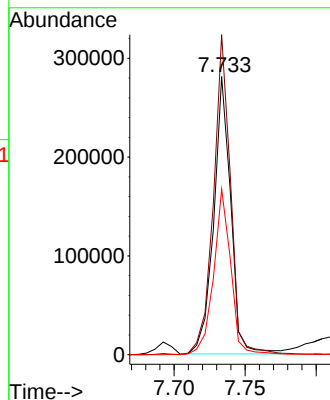
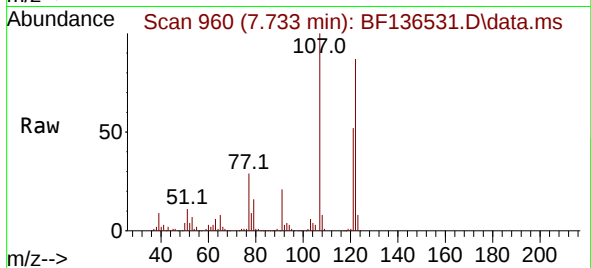
Tgt Ion:122 Resp: 234893

Ion Ratio Lower Upper

122 100

107 115.0 89.3 133.9

121 59.5 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 36.937 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

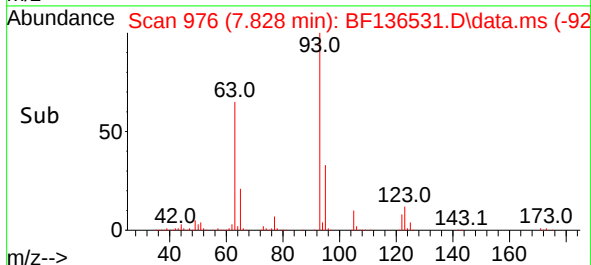
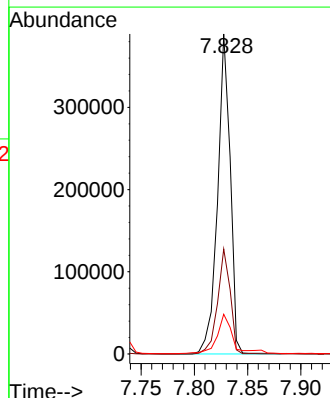
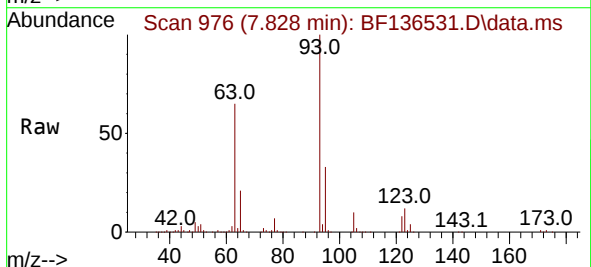
Tgt Ion: 93 Resp: 319125

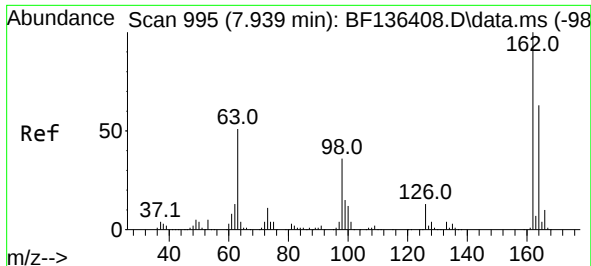
Ion Ratio Lower Upper

93 100

95 32.8 25.0 37.4

123 12.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 38.766 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

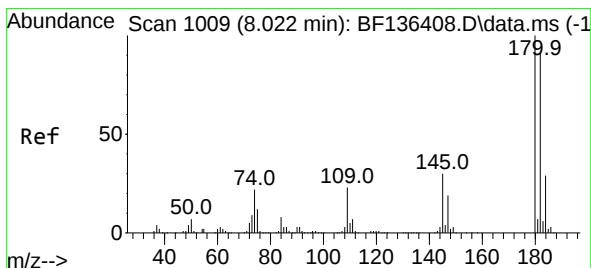
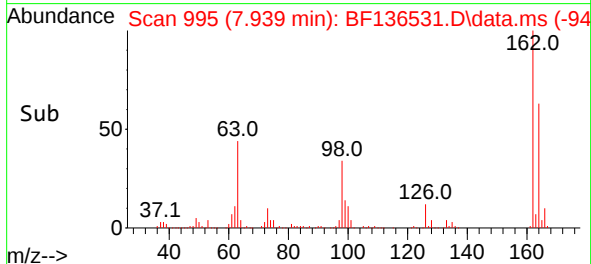
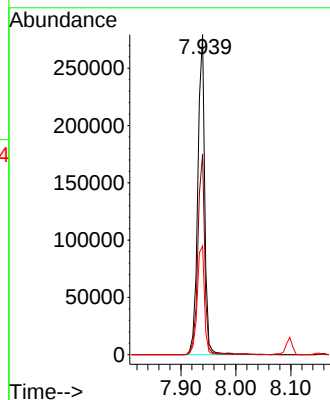
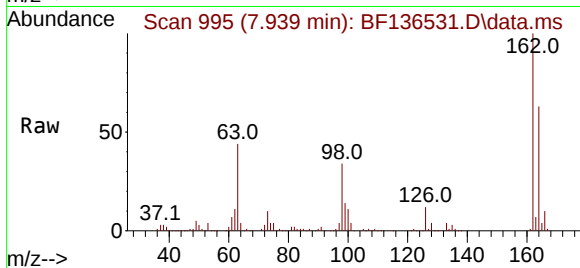
Tgt Ion:162 Resp: 244197

Ion Ratio Lower Upper

162 100

164 62.8 43.0 83.0

98 34.0 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 36.174 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

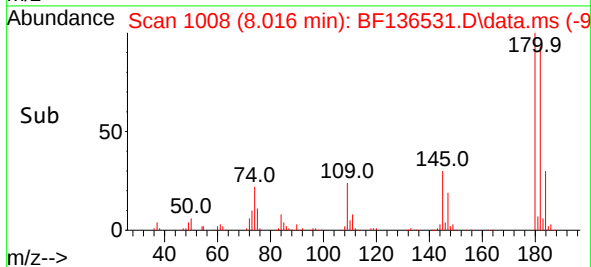
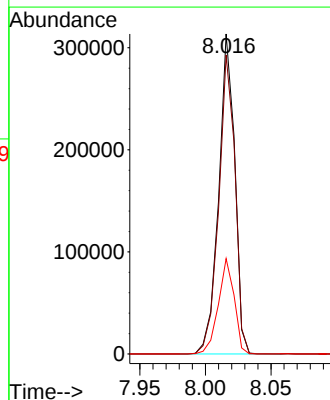
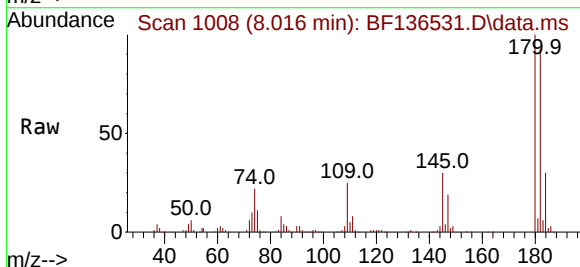
Tgt Ion:180 Resp: 265710

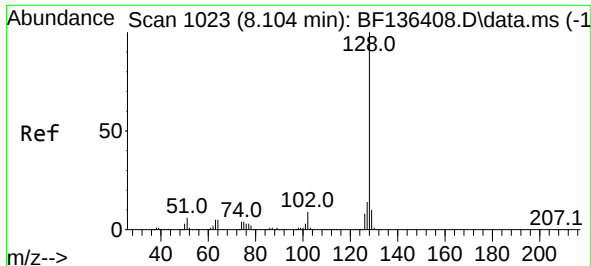
Ion Ratio Lower Upper

180 100

182 93.4 73.1 109.7

145 29.8 23.8 35.8

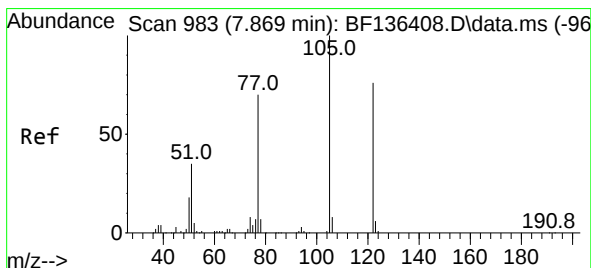
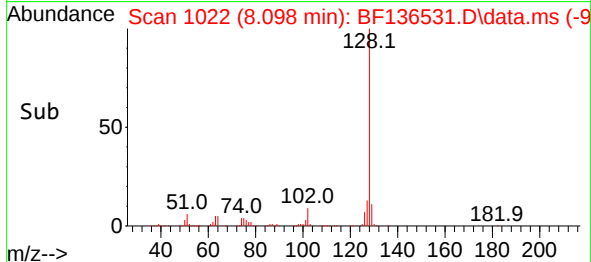
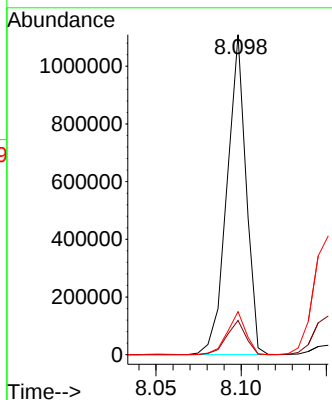
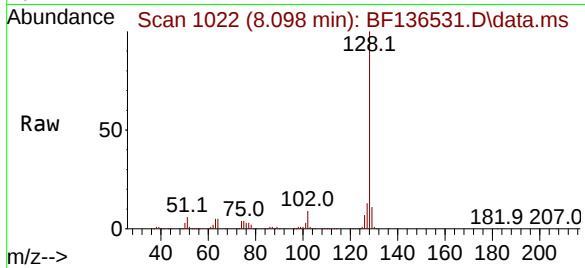




#31
Naphthalene
Concen: 36.933 ng
RT: 8.098 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

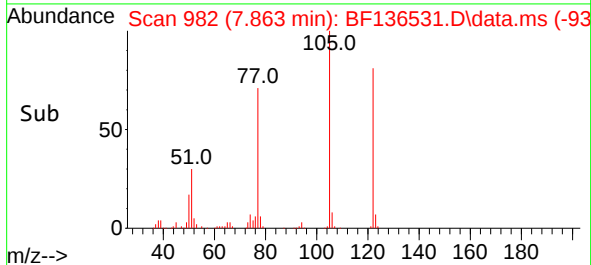
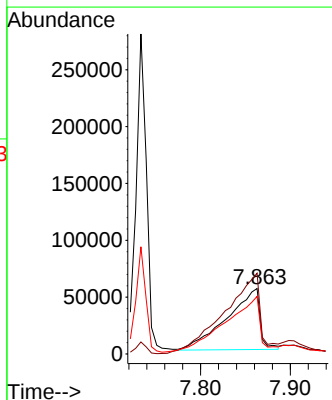
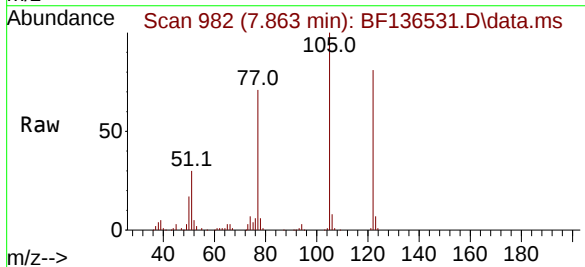
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

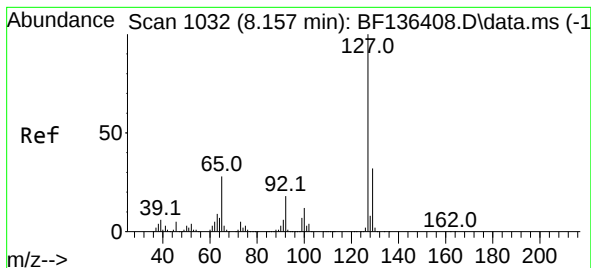
Tgt Ion:128 Resp: 861682
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 29.208 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:122 Resp: 138279
Ion Ratio Lower Upper
122 100
105 123.6 104.7 144.7
77 88.1 68.5 108.5





#33

4-Chloroaniline

Concen: 43.731 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 363737

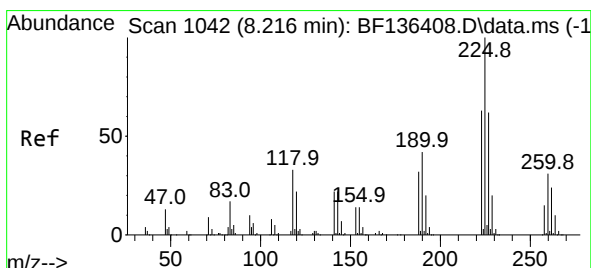
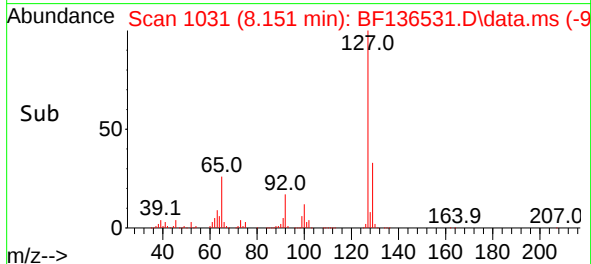
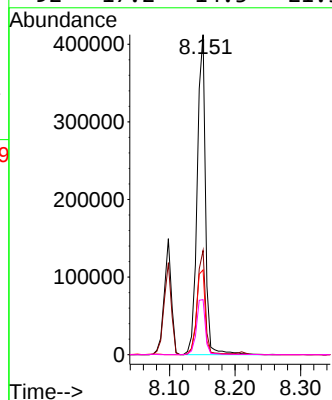
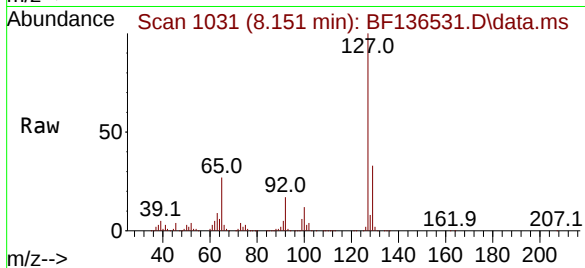
Ion Ratio Lower Upper

127 100

129 32.6 25.4 38.2

65 26.5 22.5 33.7

92 17.2 14.3 21.5



#34

Hexachlorobutadiene

Concen: 35.242 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

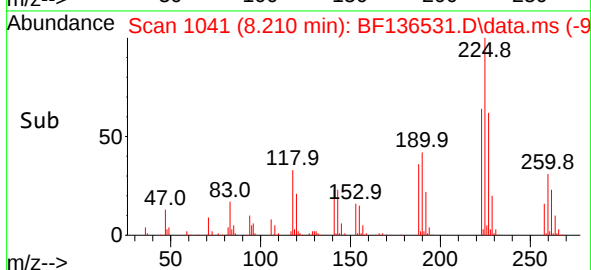
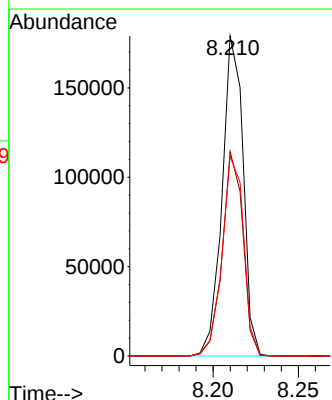
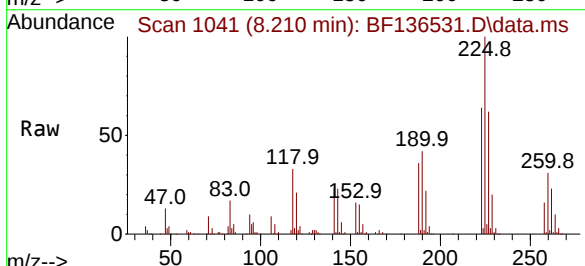
Tgt Ion:225 Resp: 153414

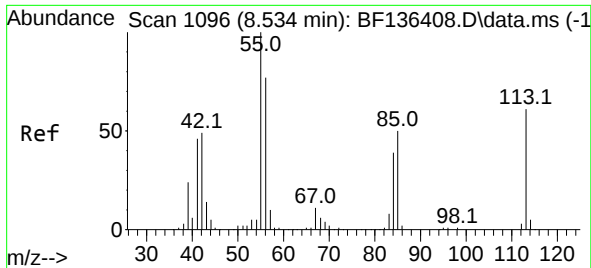
Ion Ratio Lower Upper

225 100

223 63.9 50.8 76.2

227 62.4 49.8 74.8

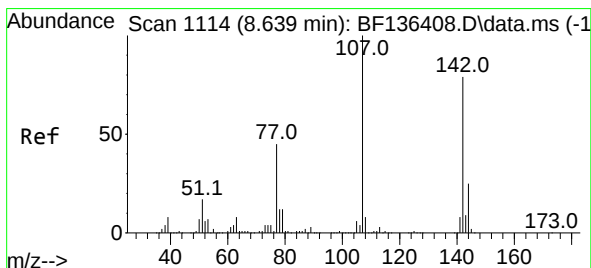
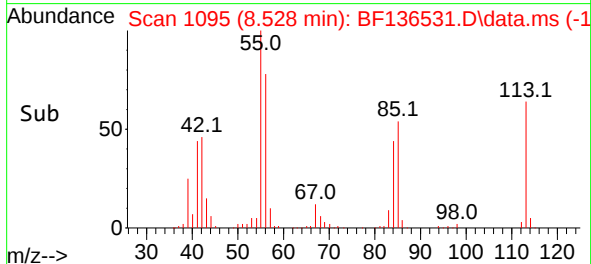
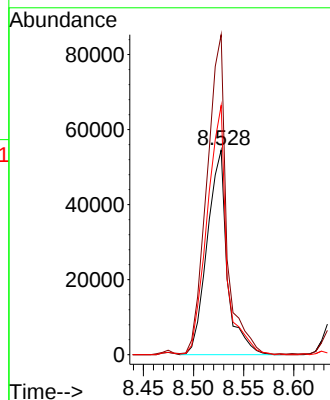
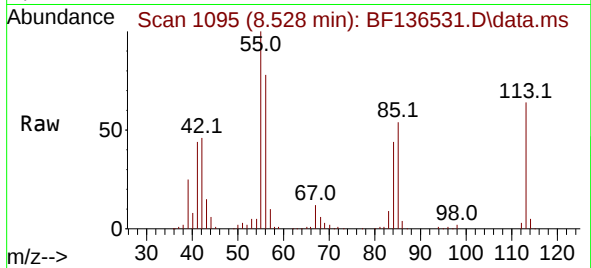




#35
Caprolactam
Concen: 39.012 ng
RT: 8.528 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

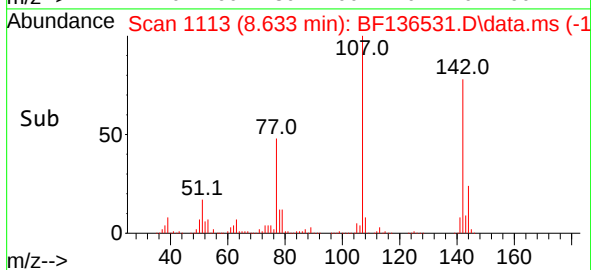
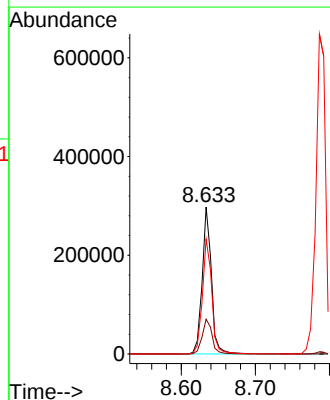
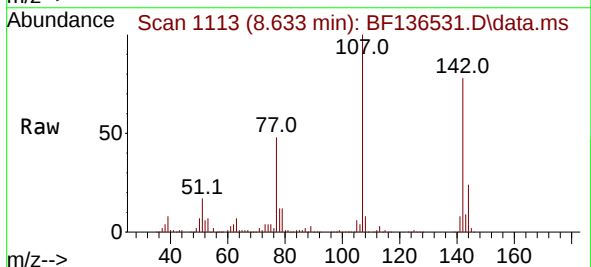
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

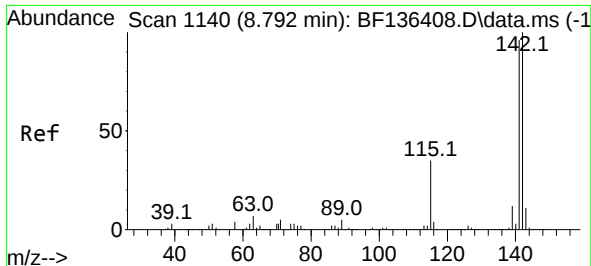
Tgt Ion:113 Resp: 75679
Ion Ratio Lower Upper
113 100
55 156.4 143.7 183.7
56 121.8 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 38.750 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:107 Resp: 259174
Ion Ratio Lower Upper
107 100
144 23.6 20.1 30.1
142 78.2 63.1 94.7





#37

2-Methylnaphthalene

Concen: 39.361 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

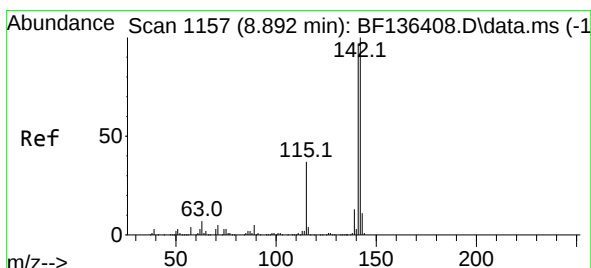
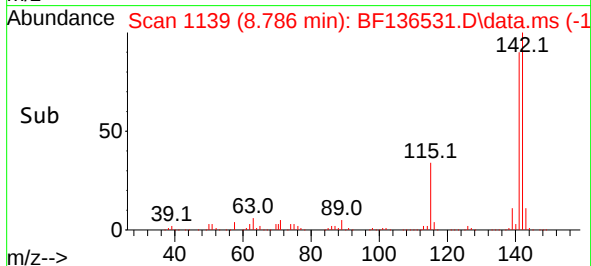
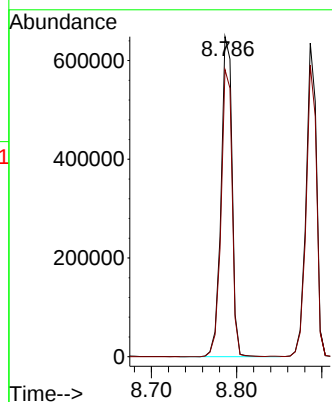
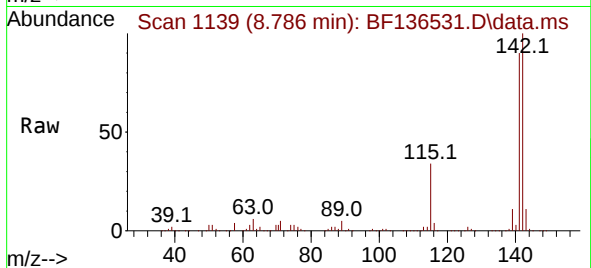
SSTDCCC040

Tgt Ion:142 Resp: 584223

Ion Ratio Lower Upper

142 100

141 89.7 76.4 114.6



#38

1-Methylnaphthalene

Concen: 37.017 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136531.D

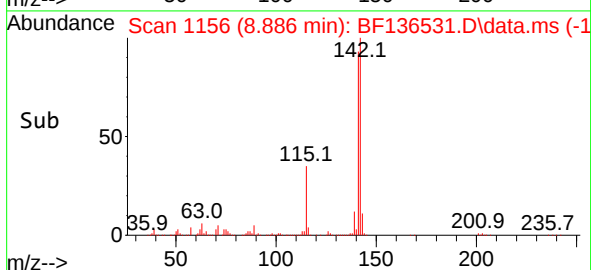
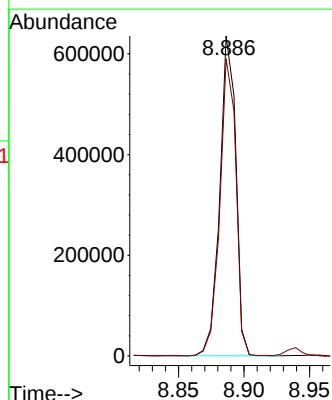
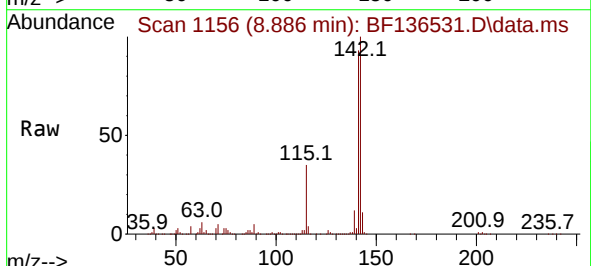
Acq: 13 Dec 2023 11:22

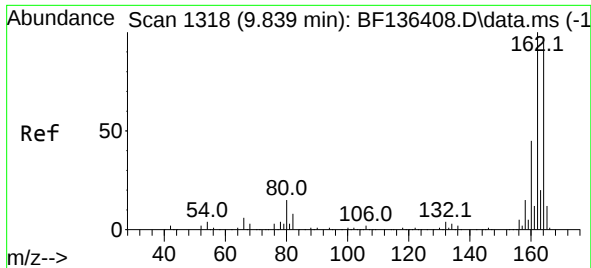
Tgt Ion:142 Resp: 539146

Ion Ratio Lower Upper

142 100

141 92.9 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

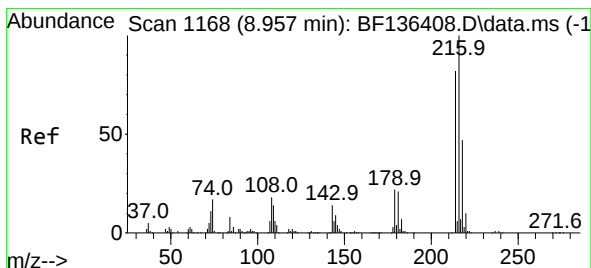
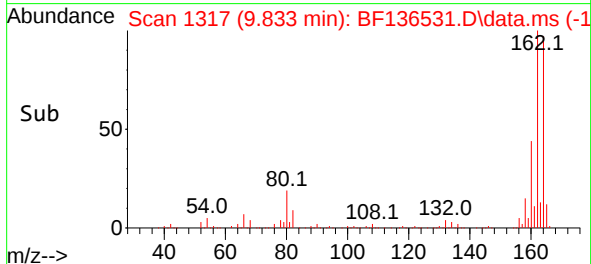
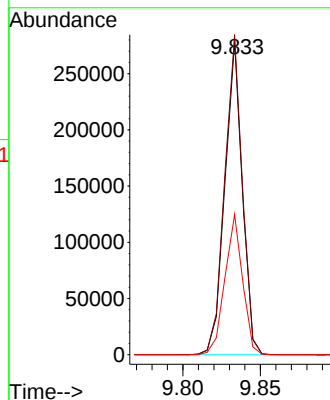
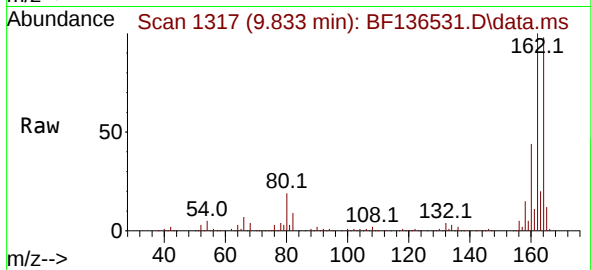
Tgt Ion:164 Resp: 218019

Ion Ratio Lower Upper

164 100

162 102.2 84.4 126.6

160 44.7 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.424 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Tgt Ion:216 Resp: 267408

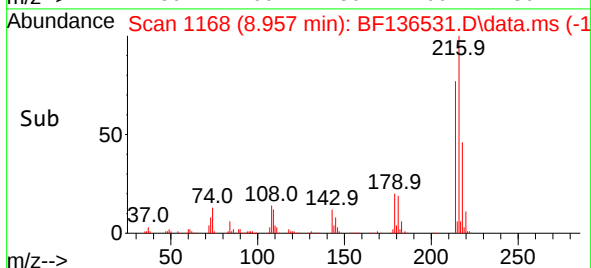
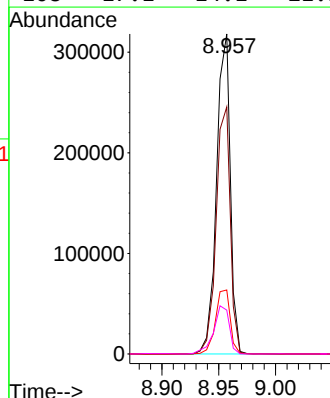
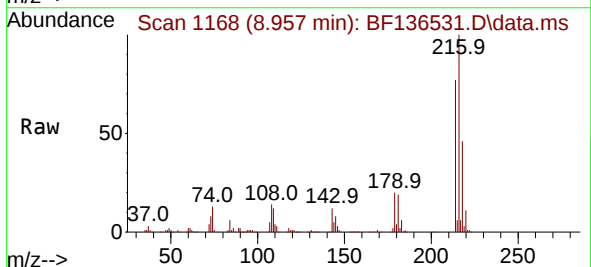
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 21.4 17.0 25.6

108 17.1 14.1 21.1

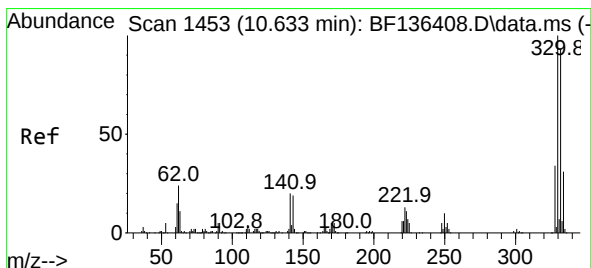
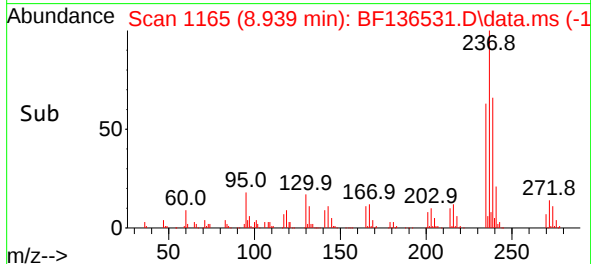
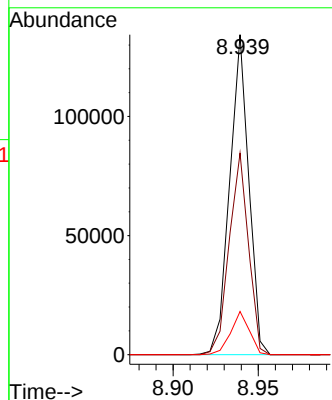
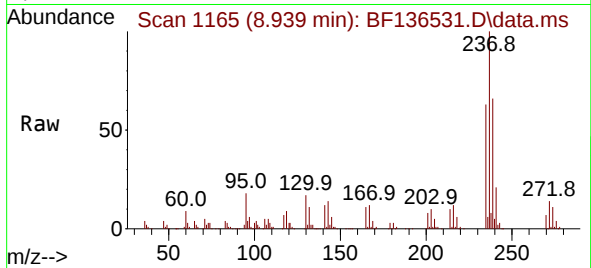




#41
Hexachlorocyclopentadiene
Concen: 41.678 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

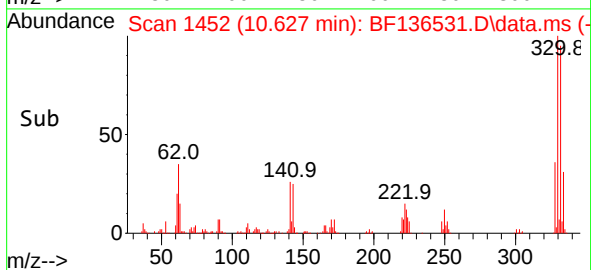
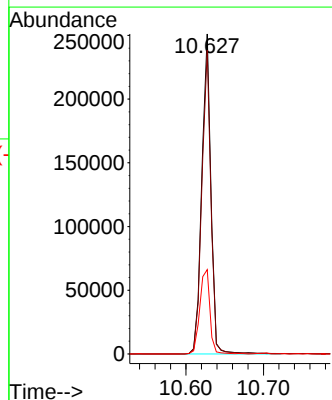
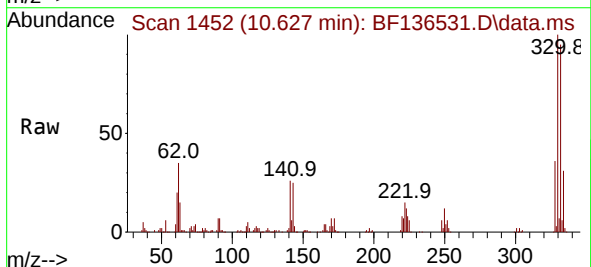
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

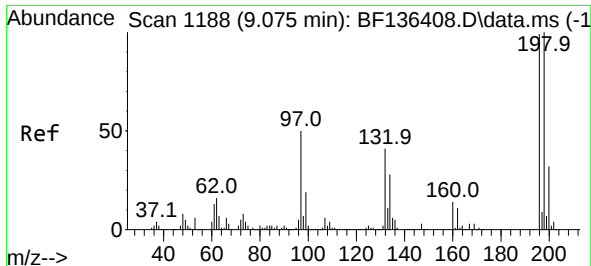
Tgt Ion:237 Resp: 104733
Ion Ratio Lower Upper
237 100
235 63.0 44.1 84.1
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 76.431 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:330 Resp: 205460
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 29.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 38.149 ng

RT: 9.069 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

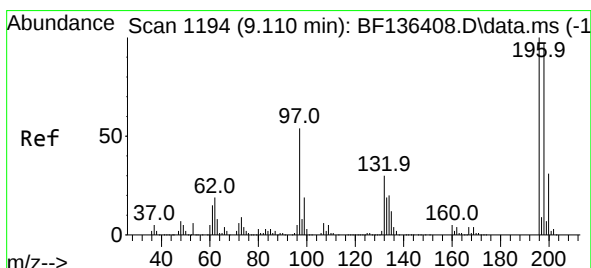
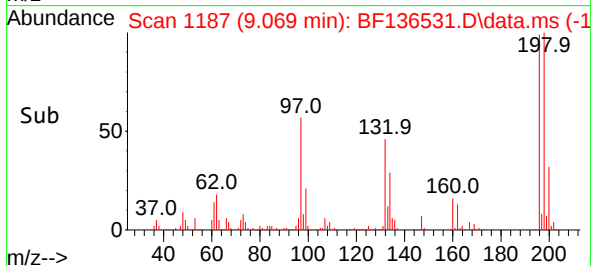
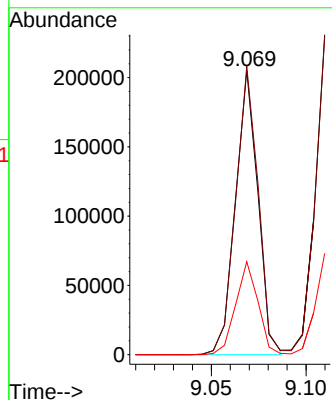
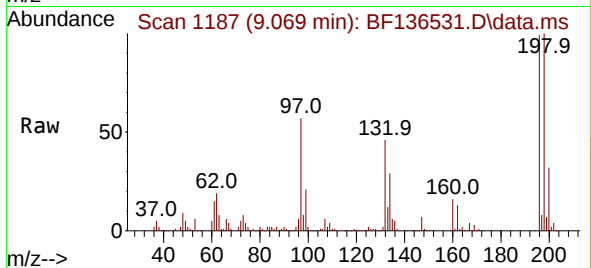
Tgt Ion:196 Resp: 168486

Ion Ratio Lower Upper

196 100

198 101.5 80.4 120.6

200 32.7 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 40.425 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Tgt Ion:196 Resp: 199268

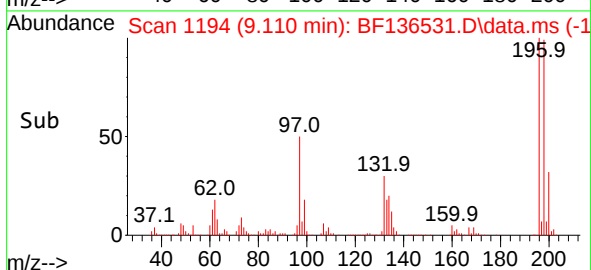
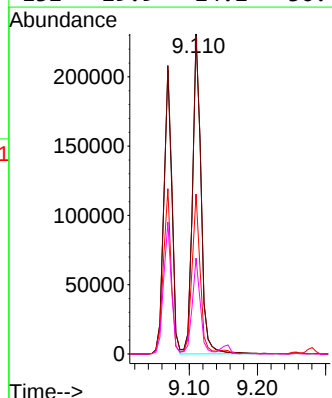
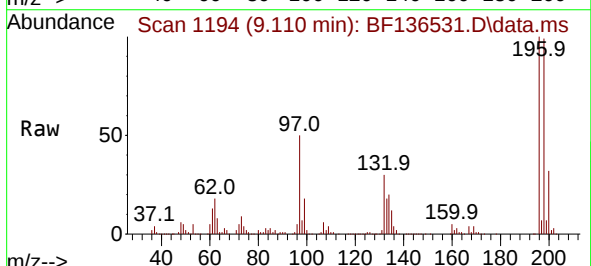
Ion Ratio Lower Upper

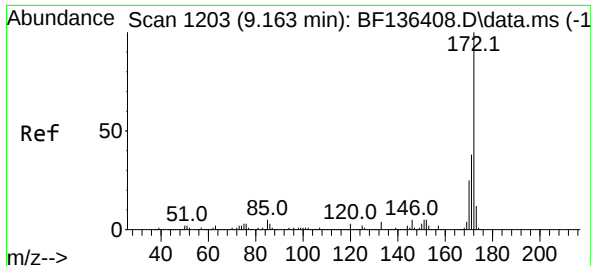
196 100

198 99.4 78.1 117.1

97 49.9 43.4 65.2

132 29.9 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 76.430 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

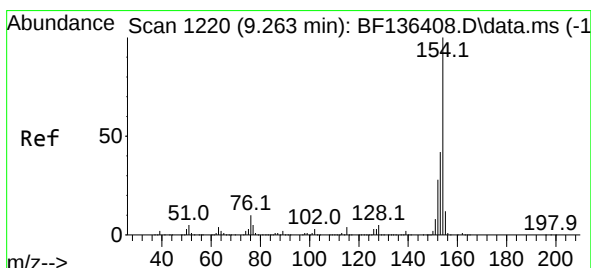
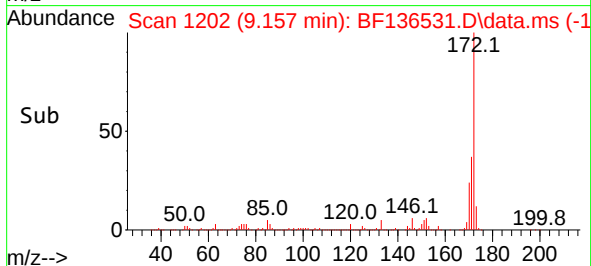
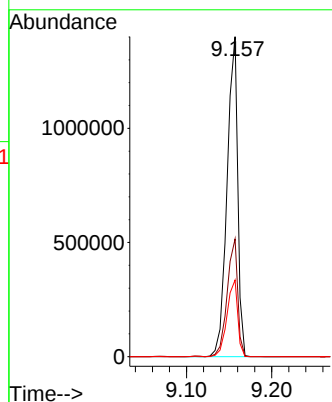
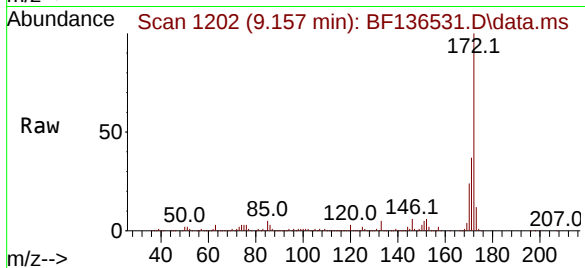
Tgt Ion:172 Resp: 1221192

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 23.9 19.9 29.9



#46

1,1'-Biphenyl

Concen: 38.561 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

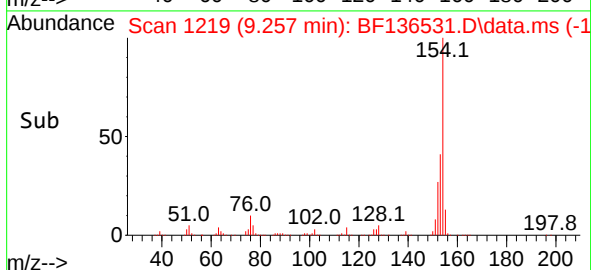
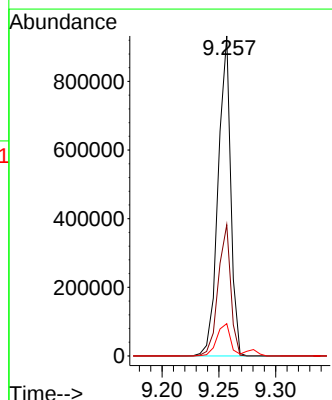
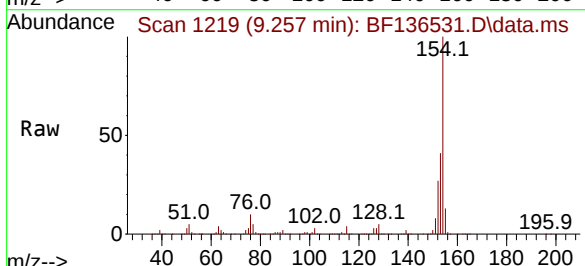
Tgt Ion:154 Resp: 715357

Ion Ratio Lower Upper

154 100

153 41.0 22.5 62.5

76 10.1 0.0 29.9

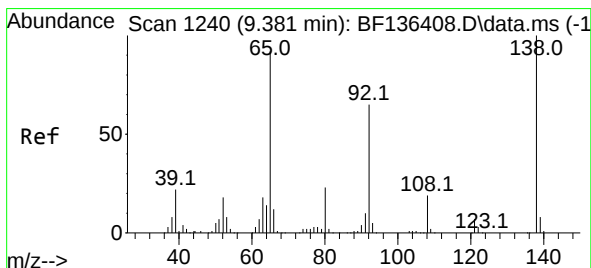
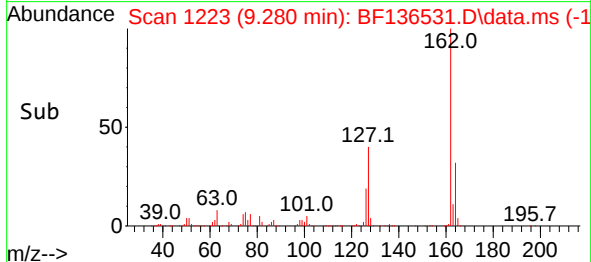
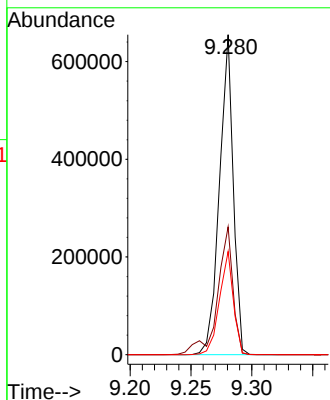
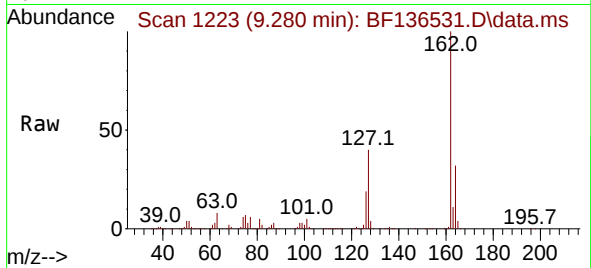




#47
2-Chloronaphthalene
Concen: 35.978 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

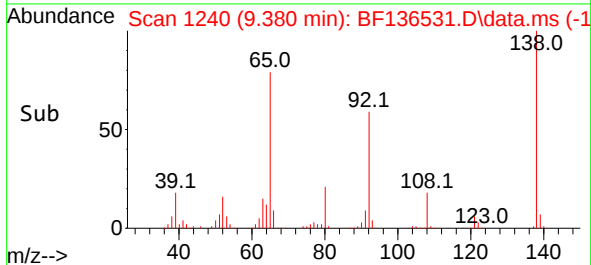
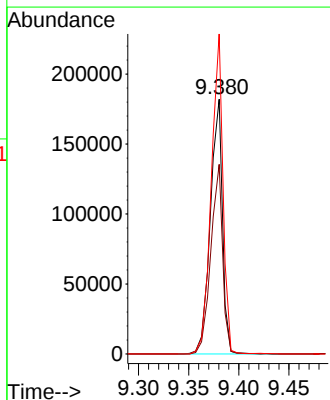
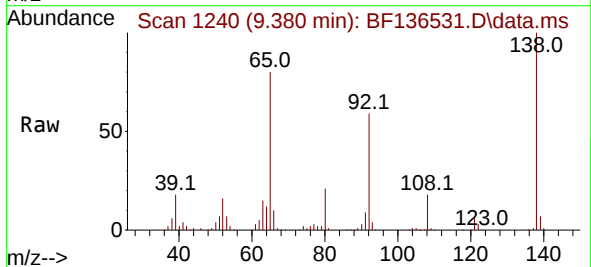
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

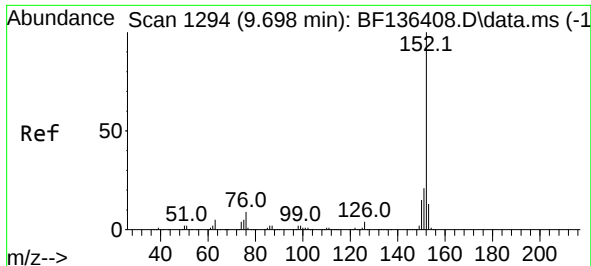
Tgt Ion:162 Resp: 519485
Ion Ratio Lower Upper
162 100
127 39.9 31.1 46.7
164 32.2 24.6 37.0



#48
2-Nitroaniline
Concen: 39.645 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion: 65 Resp: 153526
Ion Ratio Lower Upper
65 100
92 74.4 56.1 84.1
138 125.6 86.7 130.1





#49

Acenaphthylene

Concen: 39.949 ng

RT: 9.692 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

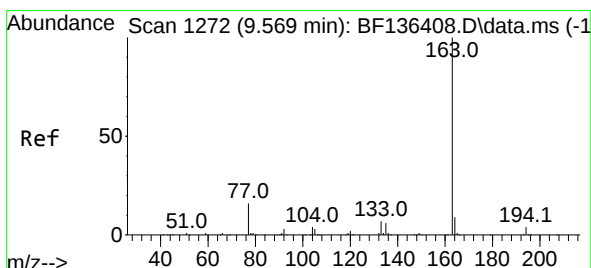
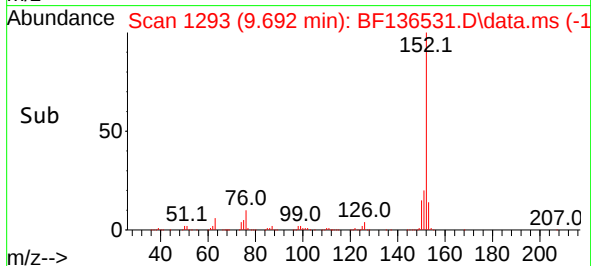
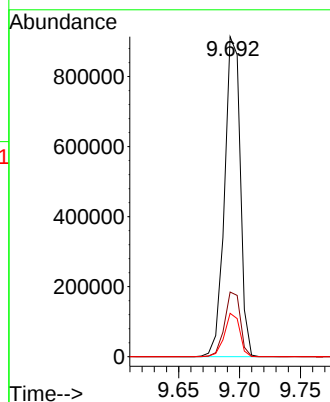
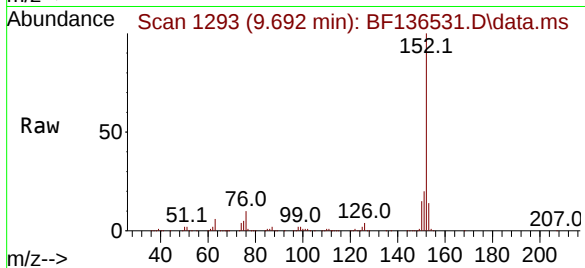
Tgt Ion:152 Resp: 821687

Ion Ratio Lower Upper

152 100

151 20.2 17.2 25.8

153 13.6 10.6 15.8



#50

Dimethylphthalate

Concen: 39.036 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

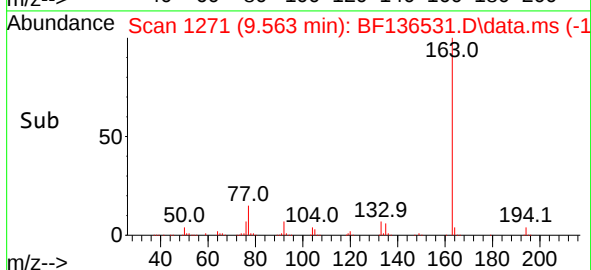
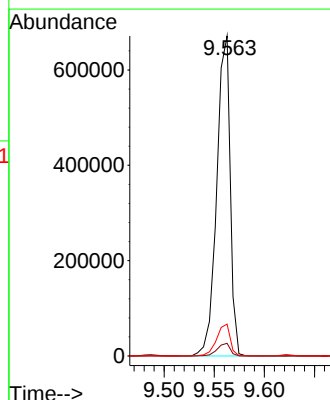
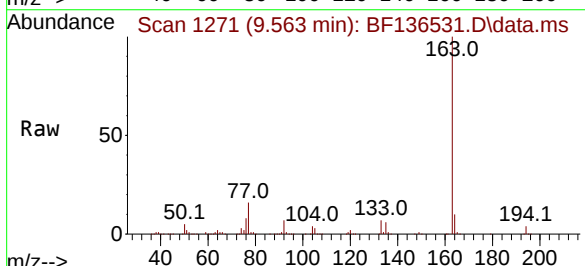
Tgt Ion:163 Resp: 626585

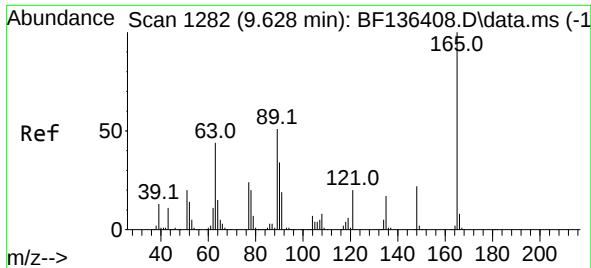
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.0 7.4 11.2

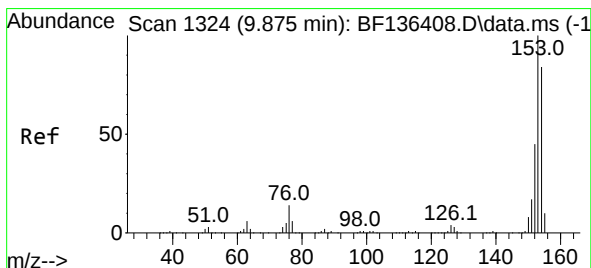
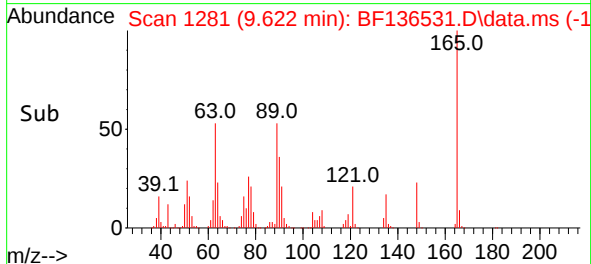
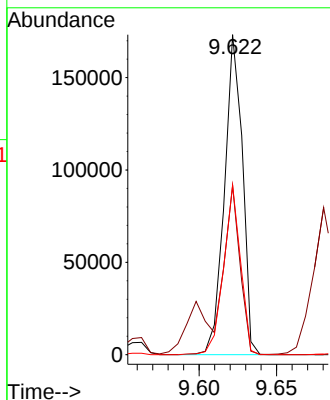
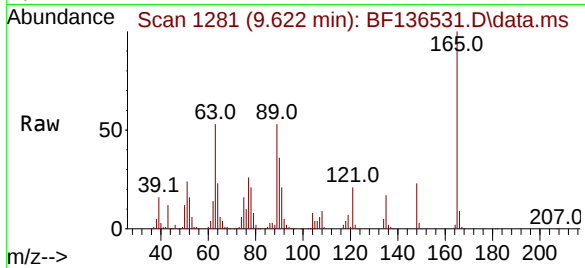




#51
2,6-Dinitrotoluene
Concen: 38.686 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

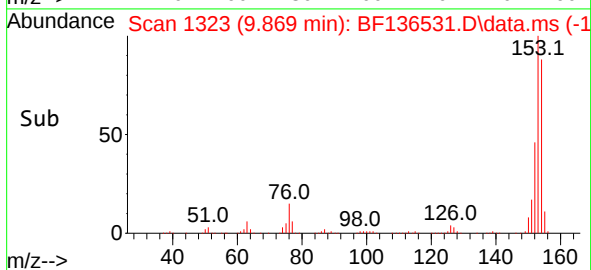
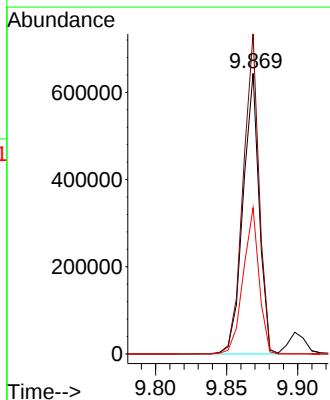
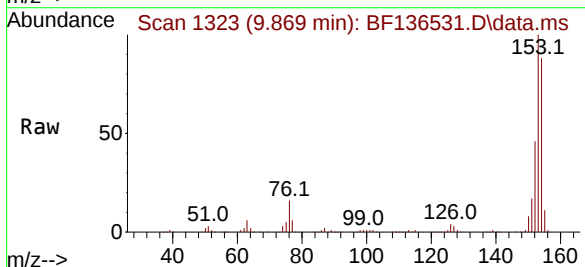
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

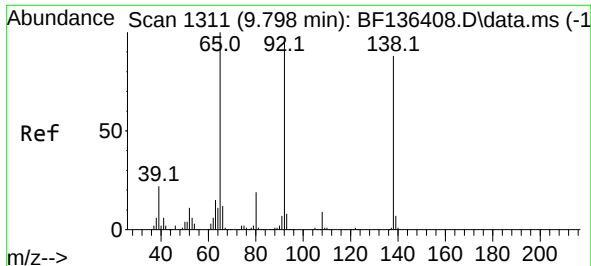
Tgt Ion:165 Resp: 139698
Ion Ratio Lower Upper
165 100
63 52.8 40.4 60.6
89 53.1 40.6 60.8



#52
Acenaphthene
Concen: 38.639 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:154 Resp: 509283
Ion Ratio Lower Upper
154 100
153 114.0 95.3 142.9
152 52.1 43.2 64.8

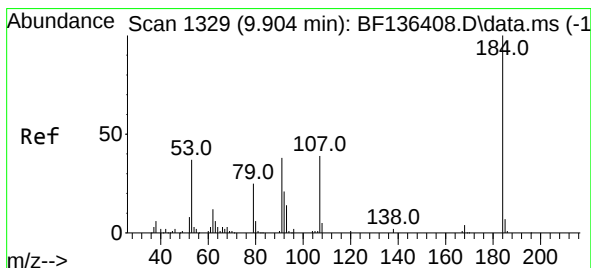
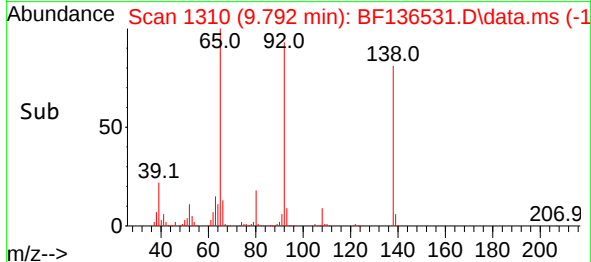
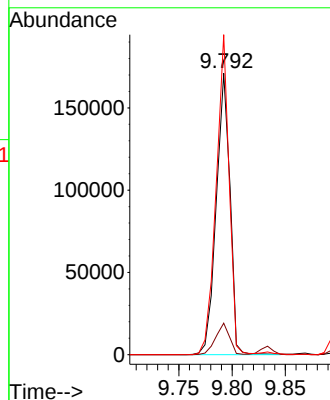
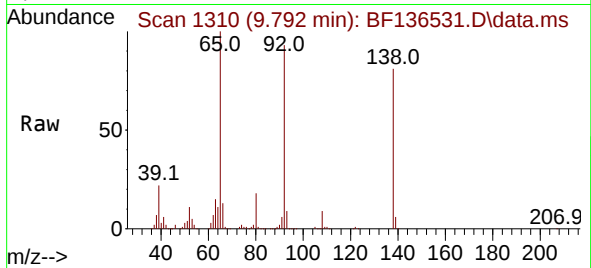




#53
3-Nitroaniline
Concen: 41.450 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

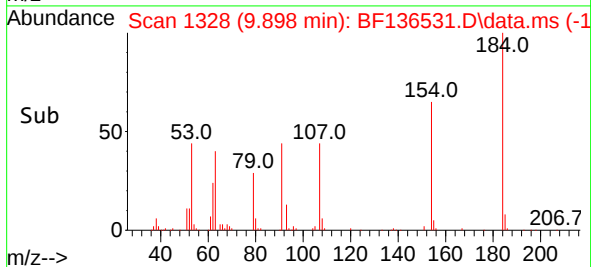
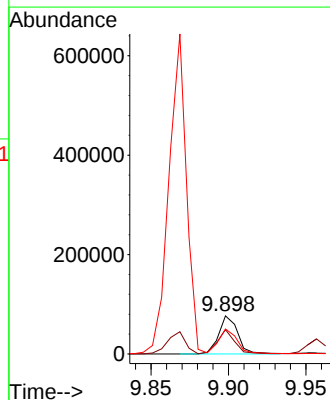
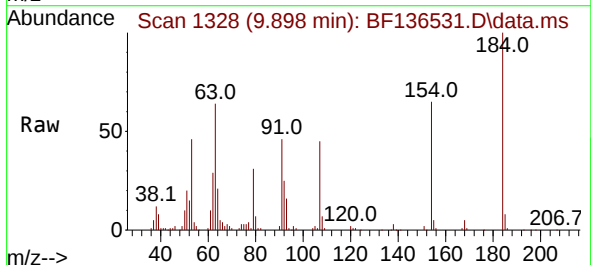
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

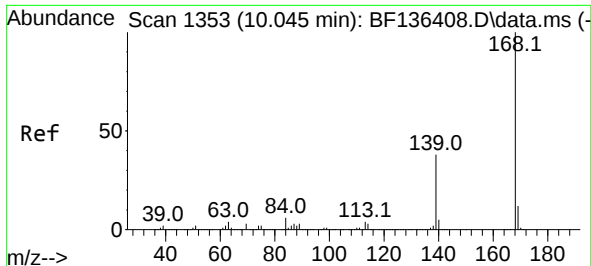
Tgt Ion:138 Resp: 152847
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 113.7 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 35.906 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:184 Resp: 65556
Ion Ratio Lower Upper
184 100
63 64.0 39.1 58.7#
154 65.3 49.9 74.9

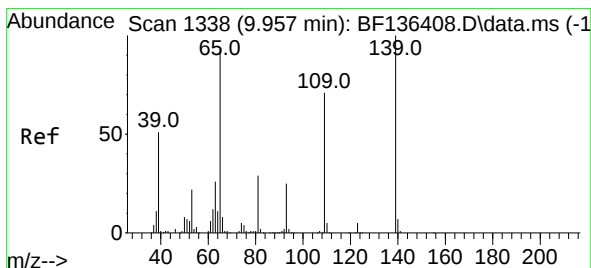
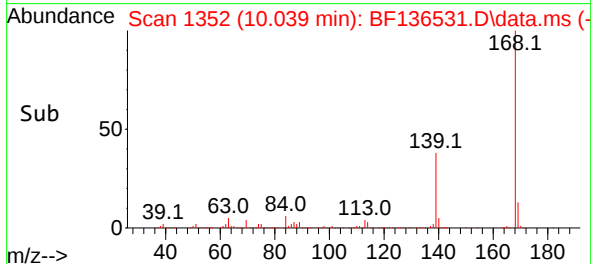
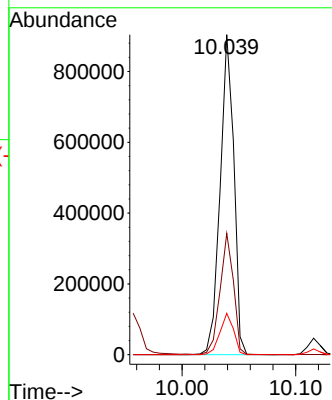
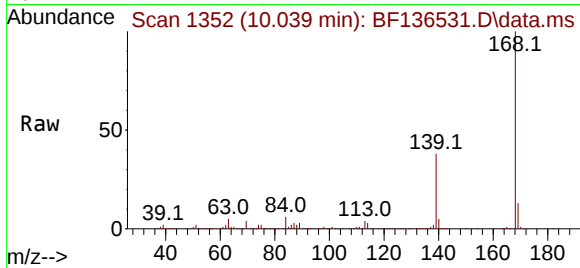




#55
Dibenzenofuran
Concen: 39.373 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

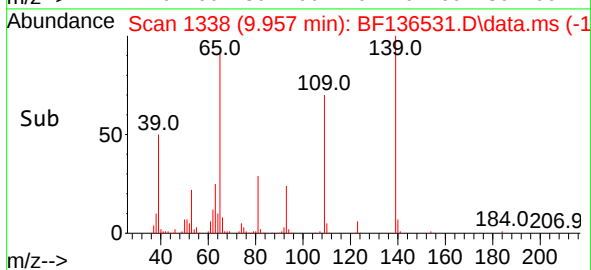
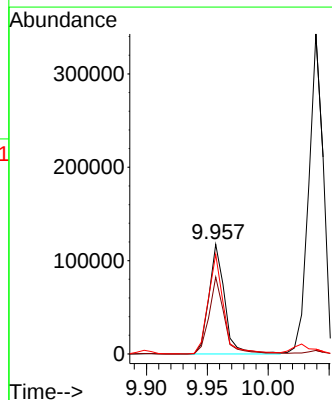
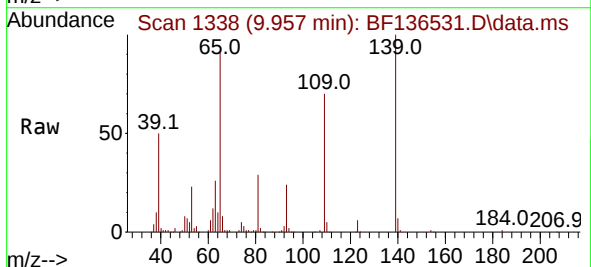
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

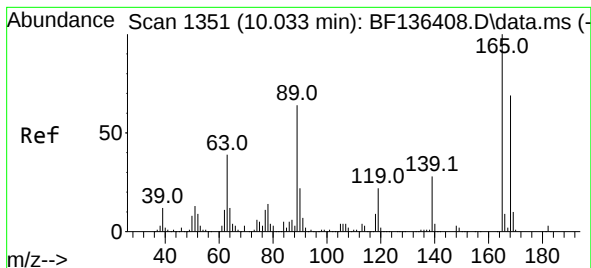
Tgt Ion:168 Resp: 758126
Ion Ratio Lower Upper
168 100
139 37.9 30.4 45.6
169 12.9 9.9 14.9



#56
4-Nitrophenol
Concen: 38.334 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:139 Resp: 105969
Ion Ratio Lower Upper
139 100
109 70.1 50.6 90.6
65 90.9 73.1 113.1

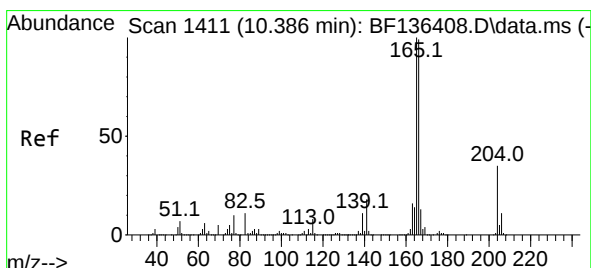
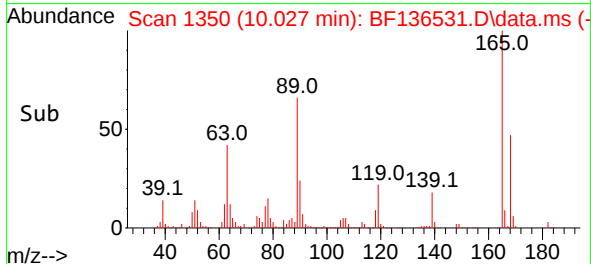
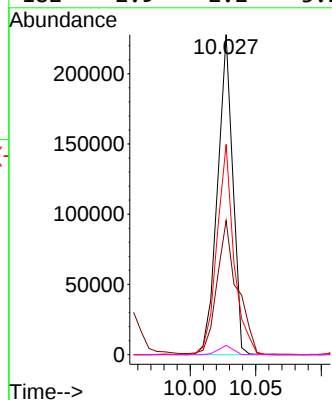
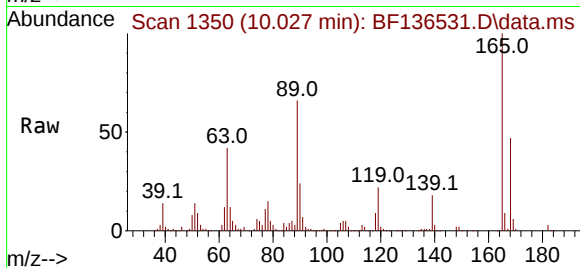




#57
2,4-Dinitrotoluene
Concen: 38.518 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

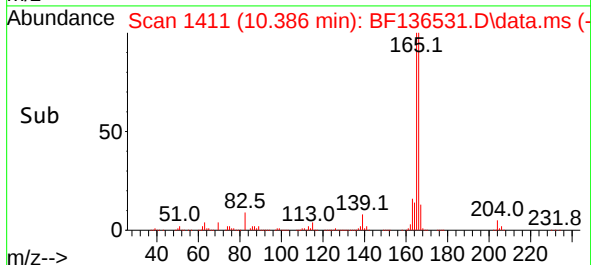
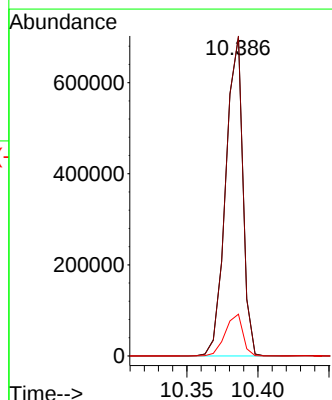
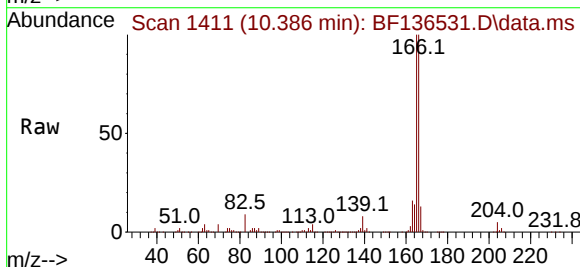
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

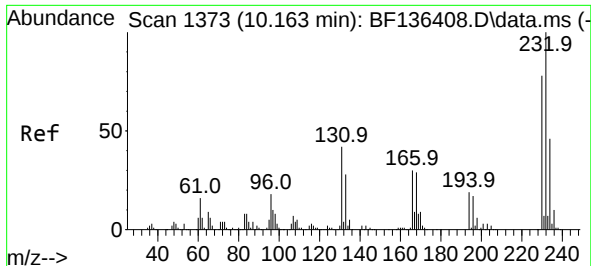
Tgt Ion:165 Resp: 184004
Ion Ratio Lower Upper
165 100
63 41.9 31.4 47.2
89 65.7 51.7 77.5
182 2.9 2.2 3.2



#58
Fluorene
Concen: 37.753 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:166 Resp: 583526
Ion Ratio Lower Upper
166 100
165 100.4 80.5 120.7
167 13.1 10.5 15.7

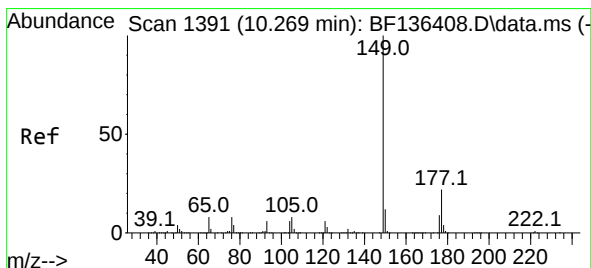
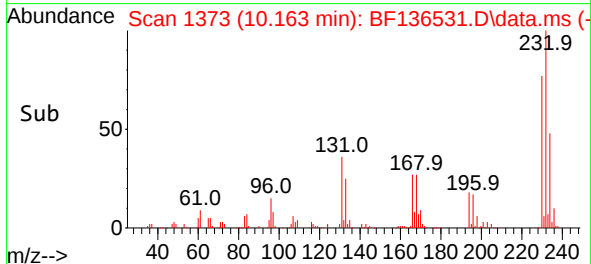
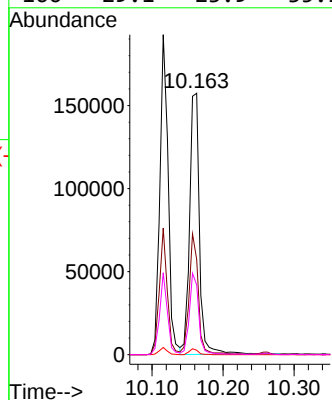
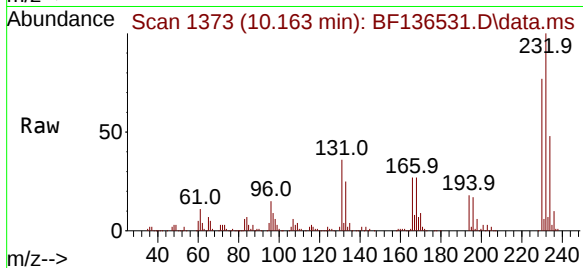




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.536 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

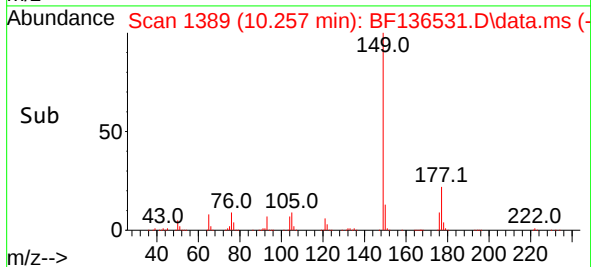
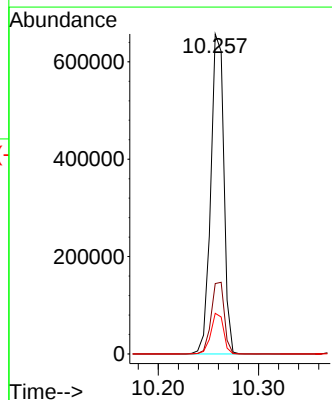
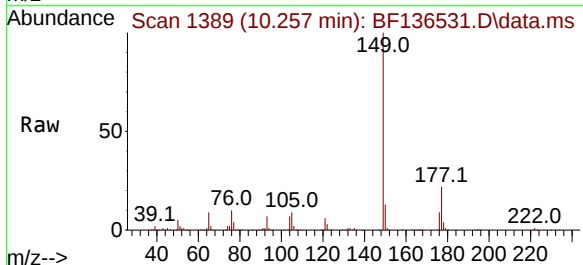
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

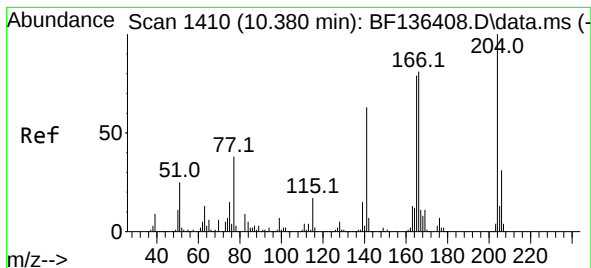
Tgt Ion:232 Resp: 152155
Ion Ratio Lower Upper
232 100
131 43.2 34.3 51.5
130 2.0 1.6 2.4
166 29.1 23.9 35.9



#60
Diethylphthalate
Concen: 37.647 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:149 Resp: 594215
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.7 9.4 14.0

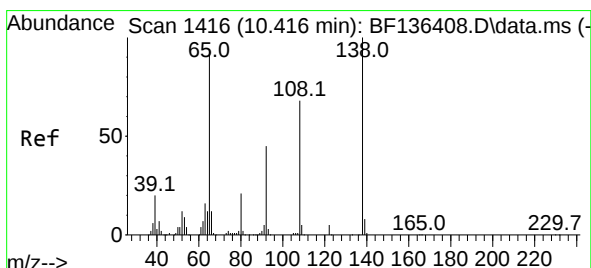
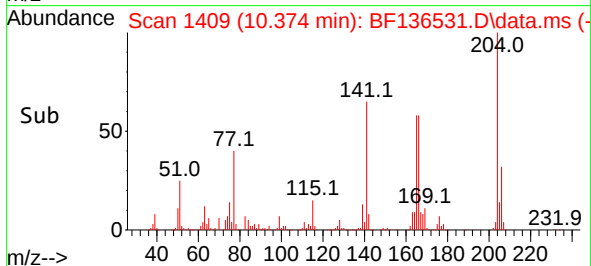
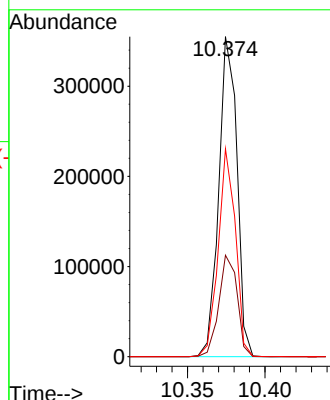
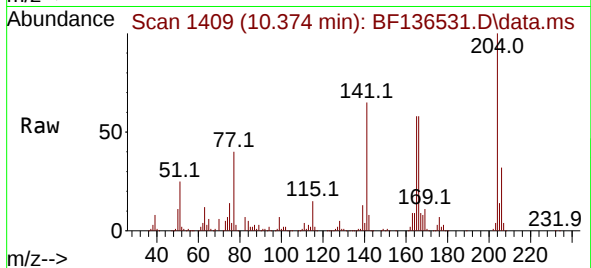




#61
4-Chlorophenyl-phenylether
Concen: 38.419 ng
RT: 10.374 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

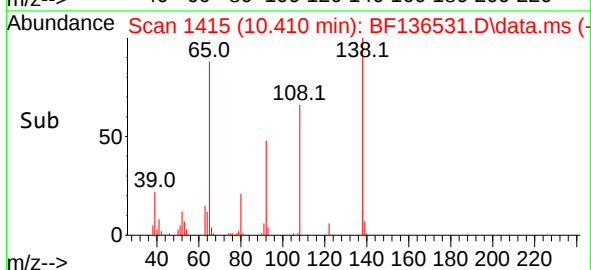
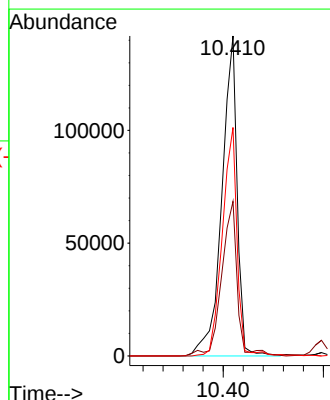
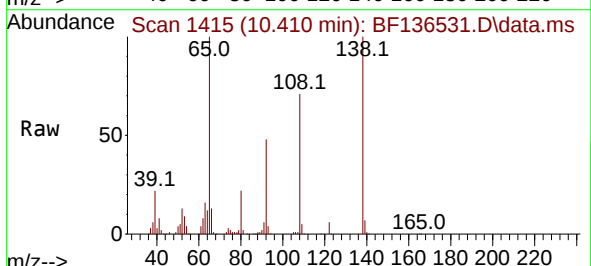
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

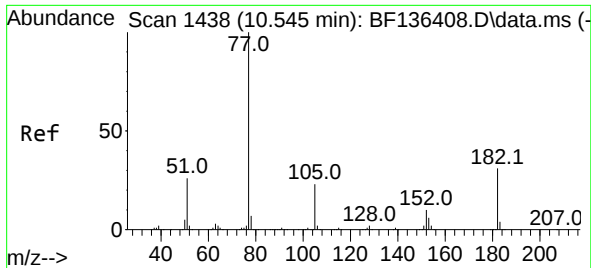
Tgt Ion:204 Resp: 289487
Ion Ratio Lower Upper
204 100
206 31.7 24.6 36.8
141 64.9 50.3 75.5



#62
4-Nitroaniline
Concen: 41.088 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:138 Resp: 150444
Ion Ratio Lower Upper
138 100
92 48.3 25.0 65.0
108 71.4 47.9 87.9

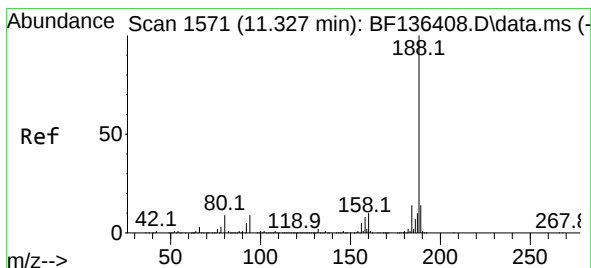
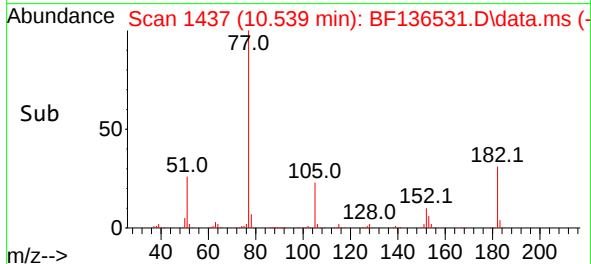
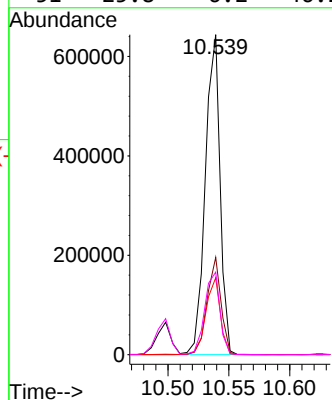
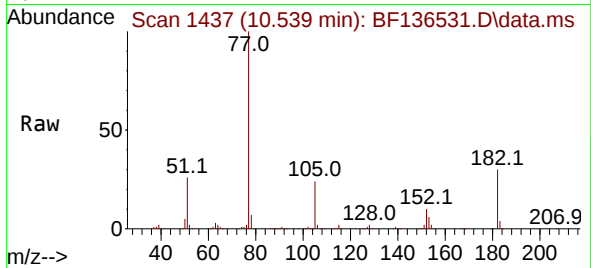




#63
Azobenzene
Concen: 37.535 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

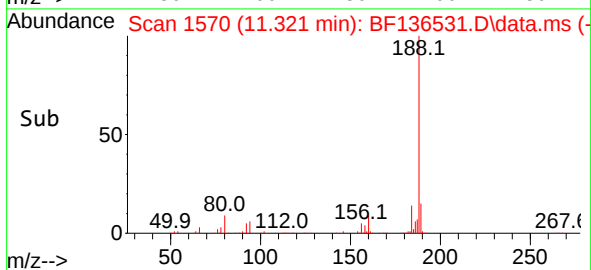
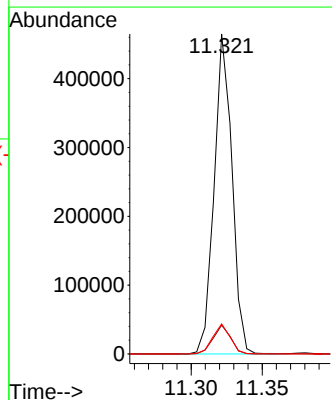
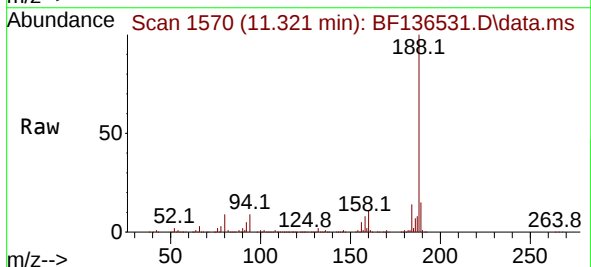
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

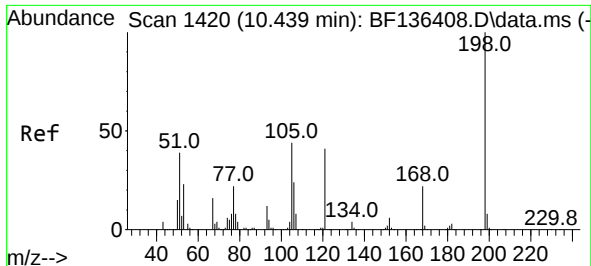
Tgt Ion: 77 Resp: 539248
Ion Ratio Lower Upper
77 100
182 30.4 10.8 50.8
105 24.0 2.6 42.6
51 25.8 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion: 188 Resp: 406258
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.4 7.2 10.8

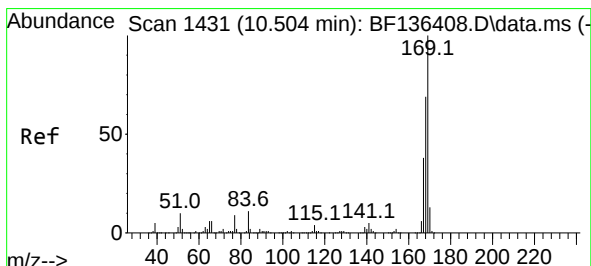
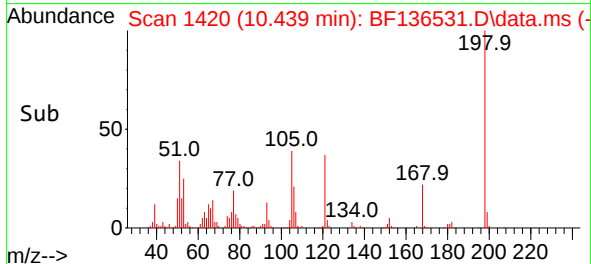
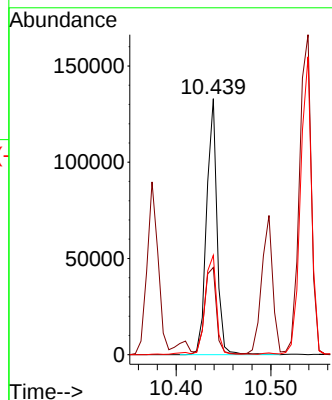
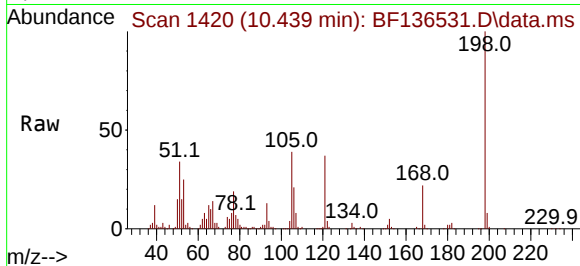




#65
4,6-Dinitro-2-methylphenol
Concen: 40.480 ng
RT: 10.439 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

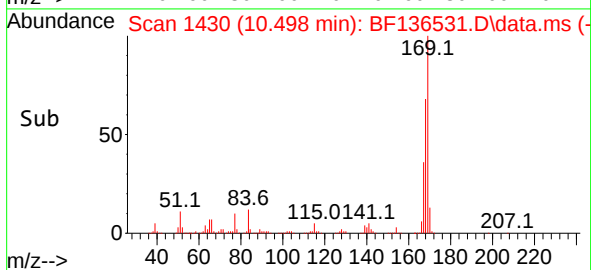
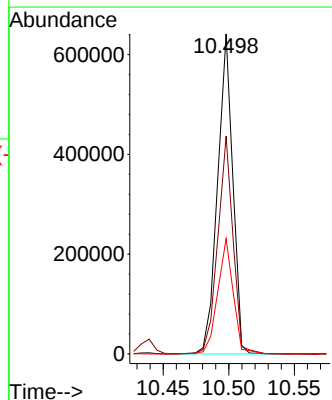
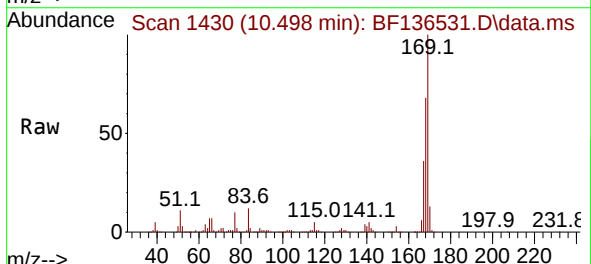
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

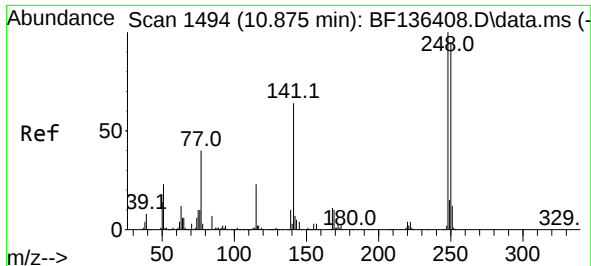
Tgt Ion:198 Resp: 101849
Ion Ratio Lower Upper
198 100
51 34.0 24.1 64.1
105 38.8 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 39.541 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:169 Resp: 515454
Ion Ratio Lower Upper
169 100
168 68.1 55.3 82.9
167 36.1 30.1 45.1

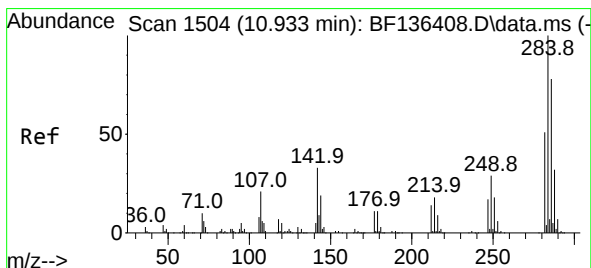
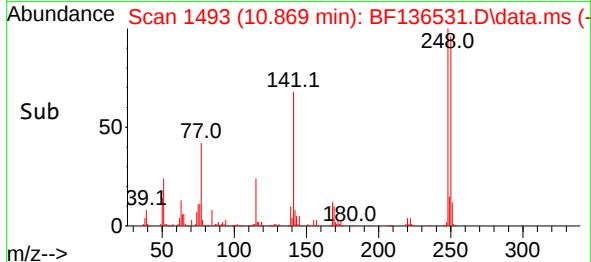
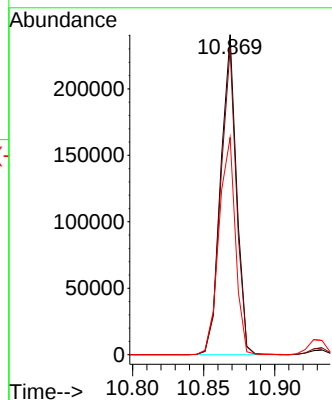
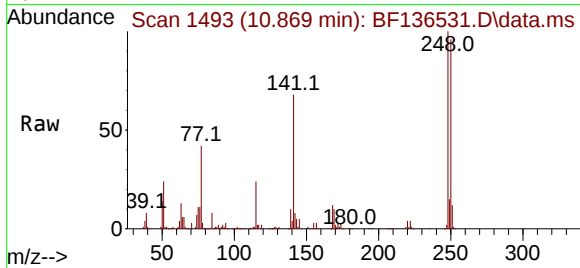




#67
4-Bromophenyl-phenylether
Concen: 39.427 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

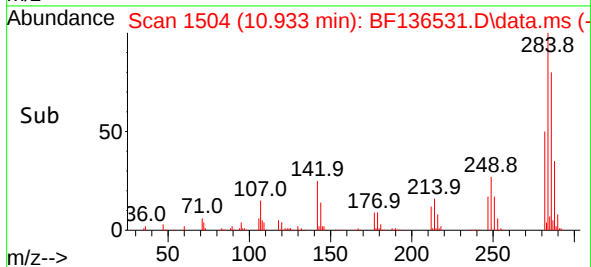
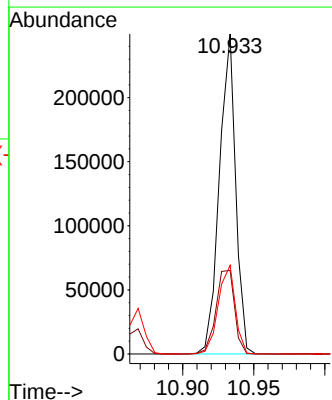
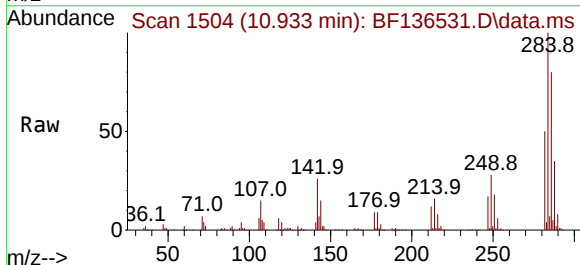
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

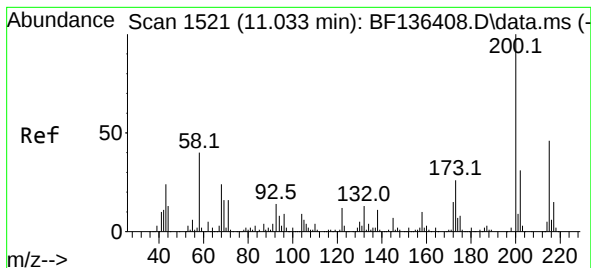
Tgt Ion:248 Resp: 186228
Ion Ratio Lower Upper
248 100
250 95.7 76.2 114.2
141 67.9 51.0 76.4



#68
Hexachlorobenzene
Concen: 36.311 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:284 Resp: 198227
Ion Ratio Lower Upper
284 100
142 26.1 26.5 39.7#
249 27.7 23.4 35.0





#69

Atrazine

Concen: 36.656 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

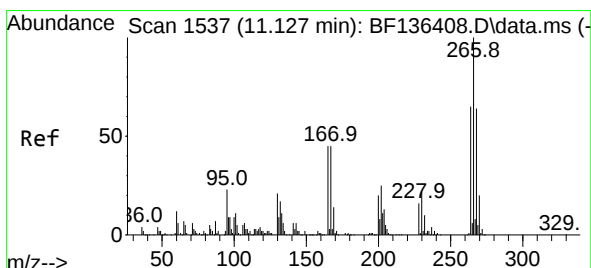
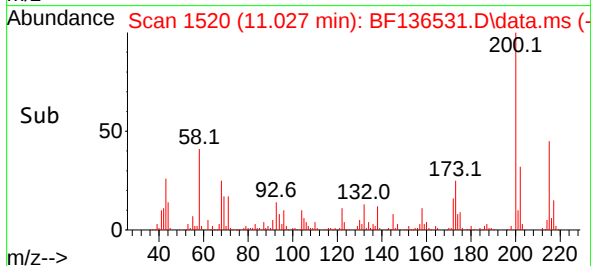
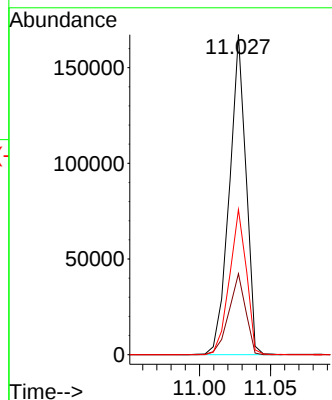
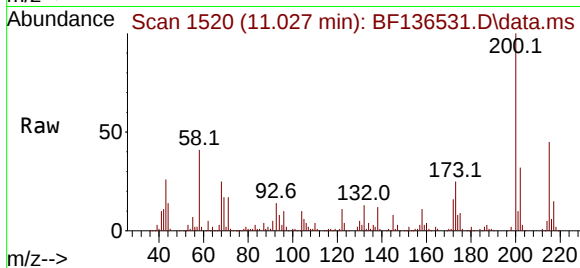
Tgt Ion:200 Resp: 136386

Ion Ratio Lower Upper

200 100

173 25.3 6.0 46.0

215 45.4 25.5 65.5



#70

Pentachlorophenol

Concen: 36.113 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

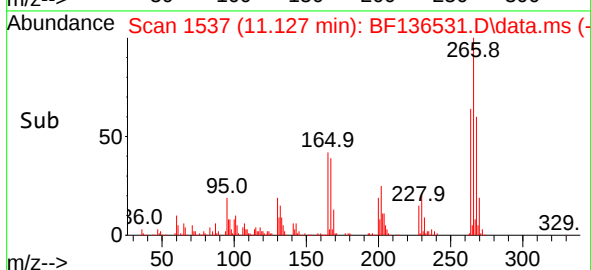
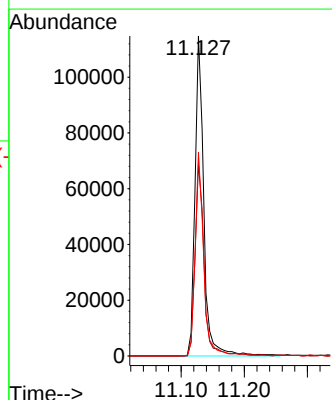
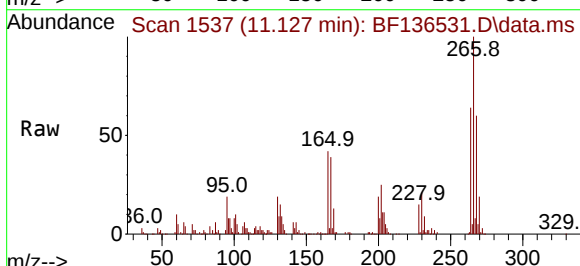
Tgt Ion:266 Resp: 111267

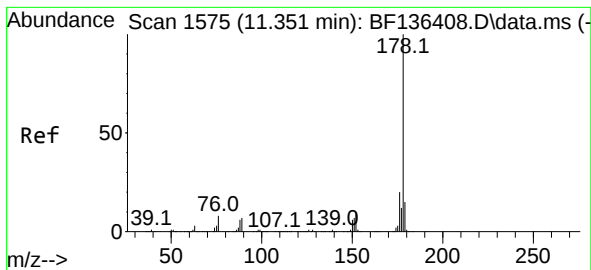
Ion Ratio Lower Upper

266 100

268 59.9 51.0 76.6

264 63.6 52.2 78.4





#71

Phenanthrene

Concen: 39.523 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

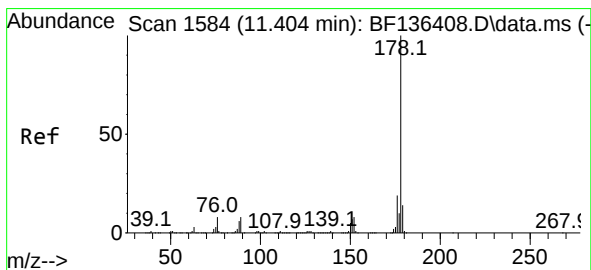
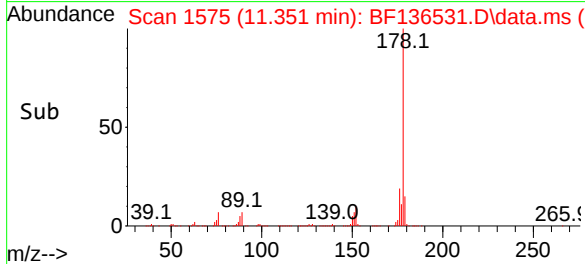
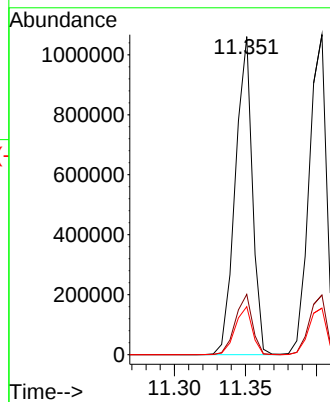
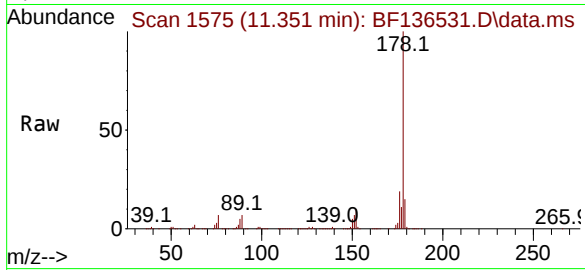
Tgt Ion:178 Resp: 882544

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

179 15.1 11.8 17.6



#72

Anthracene

Concen: 40.433 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

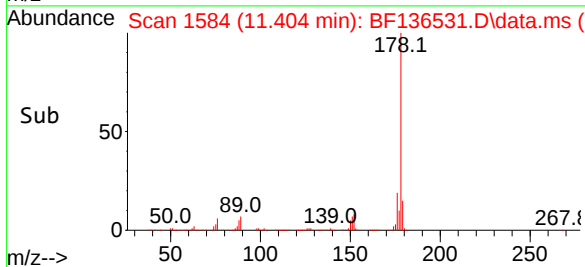
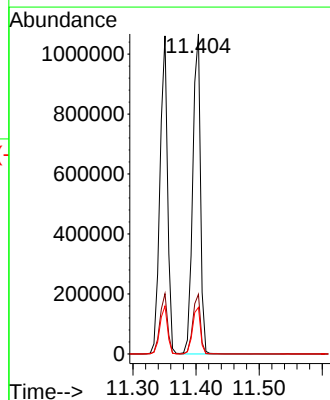
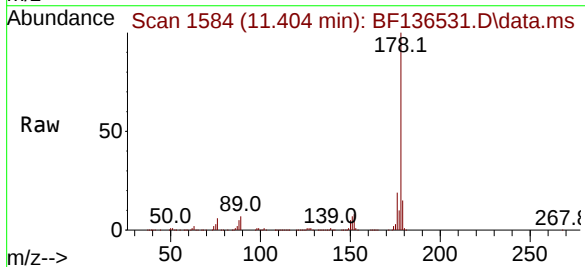
Tgt Ion:178 Resp: 909364

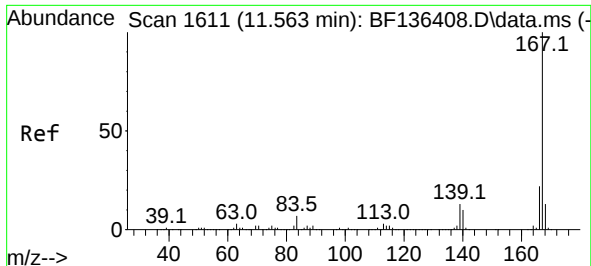
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 14.6 11.4 17.0

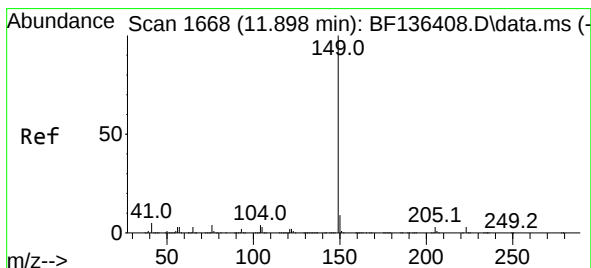
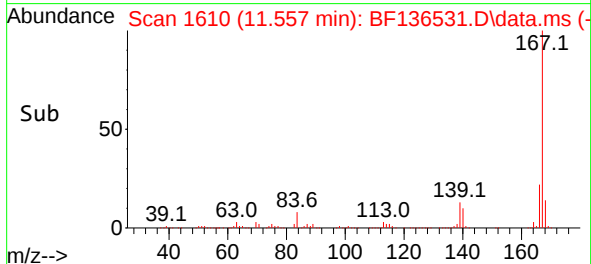
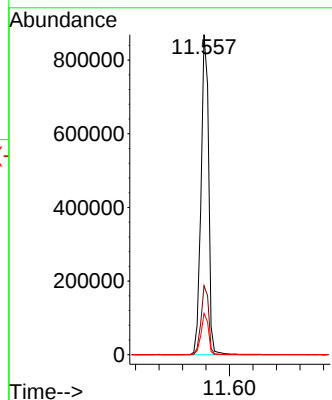
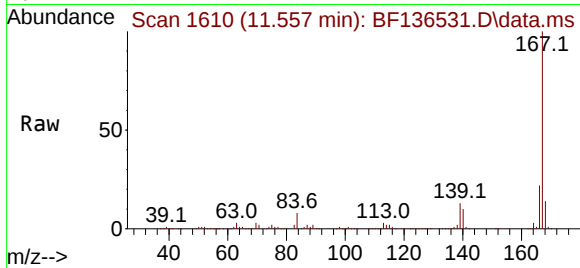




#73
 Carbazole
 Concen: 38.979 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

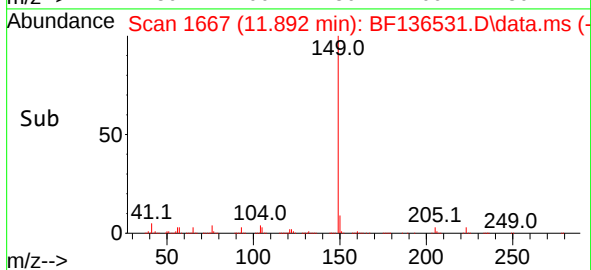
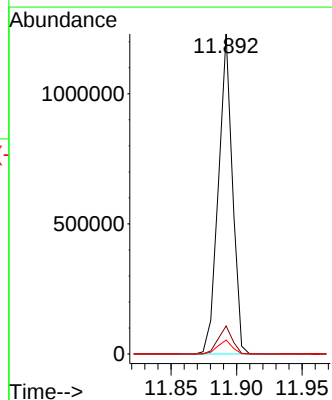
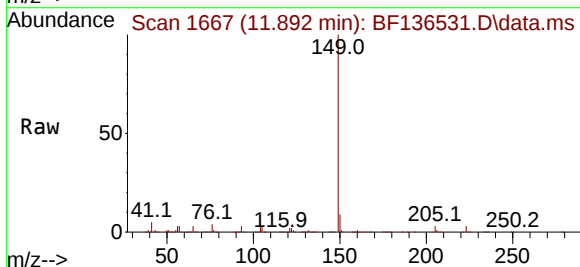
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

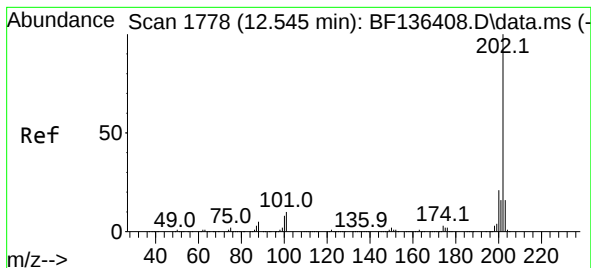
Tgt Ion:167 Resp: 775920
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.0 27.0
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 37.349 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Tgt Ion:149 Resp: 911422
 Ion Ratio Lower Upper
 149 100
 150 8.8 6.9 10.3
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 37.693 ng

RT: 12.545 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

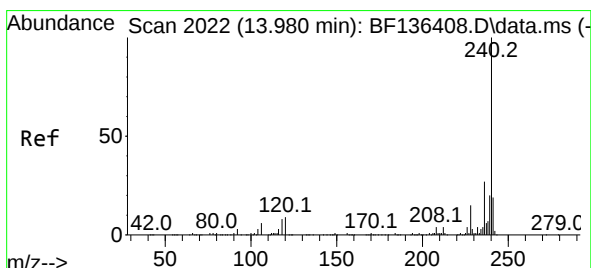
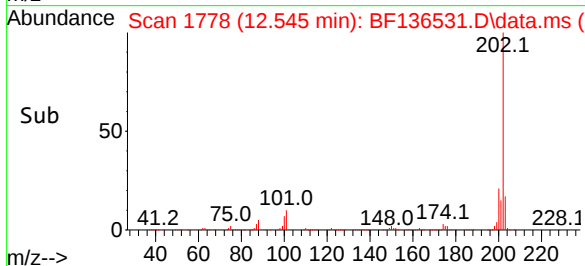
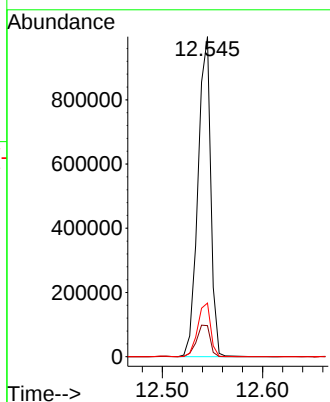
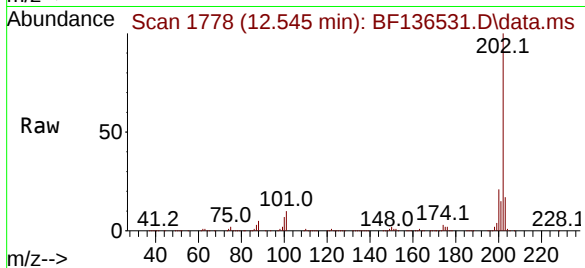
Tgt Ion:202 Resp: 882020

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.9

203 16.8 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

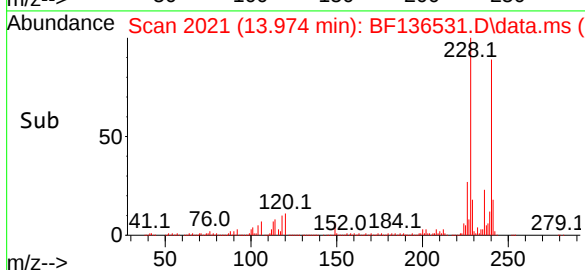
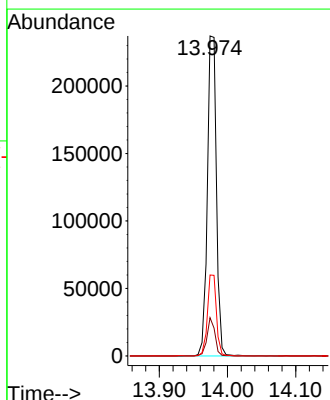
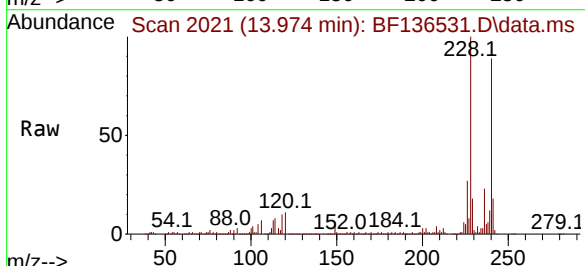
Tgt Ion:240 Resp: 219503

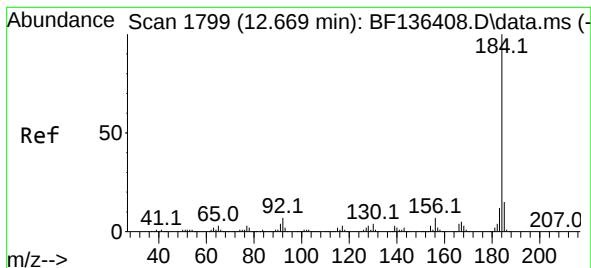
Ion Ratio Lower Upper

240 100

120 11.9 7.3 10.9#

236 25.3 21.3 31.9





#77

Benzidine

Concen: 32.751 ng

RT: 12.668 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

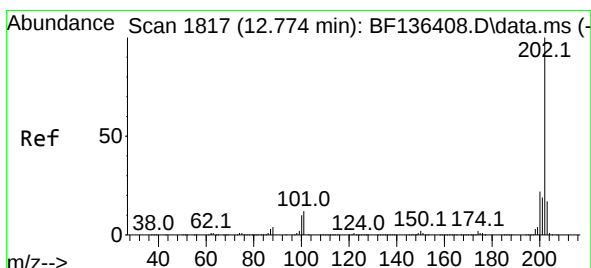
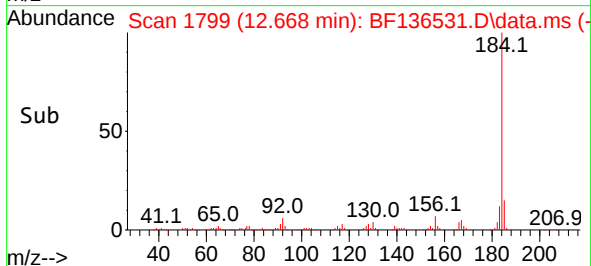
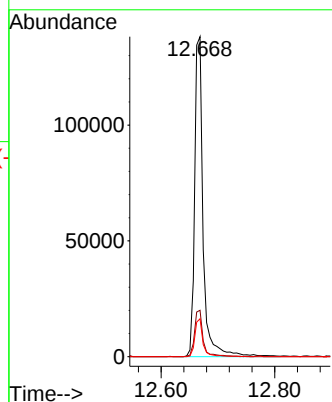
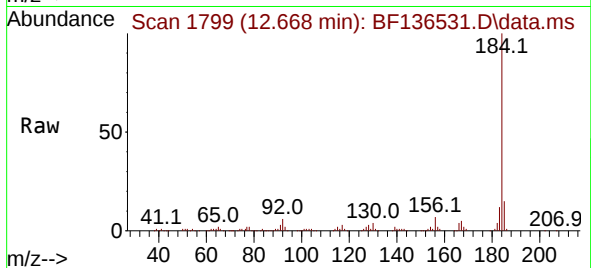
Tgt Ion:184 Resp: 144154

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

183 11.8 9.4 14.0



#78

Pyrene

Concen: 41.717 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

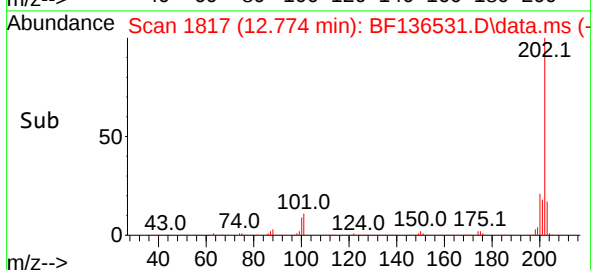
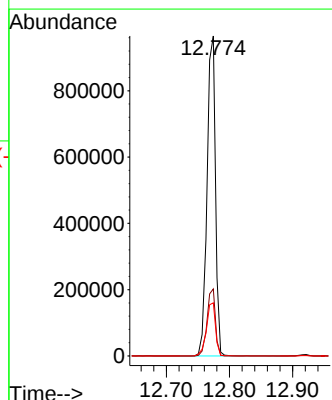
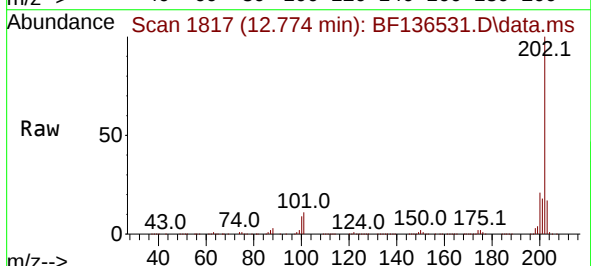
Tgt Ion:202 Resp: 896807

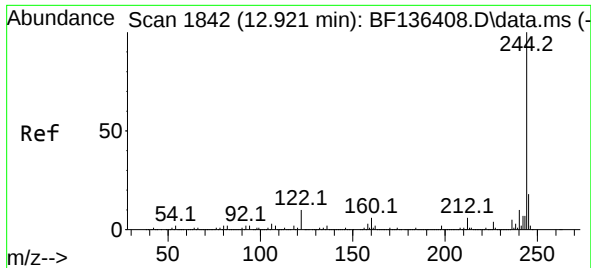
Ion Ratio Lower Upper

202 100

200 21.0 18.0 27.0

203 16.6 13.5 20.3



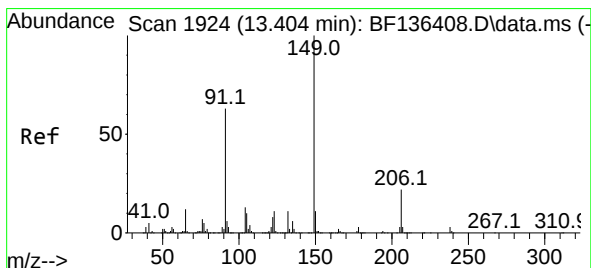
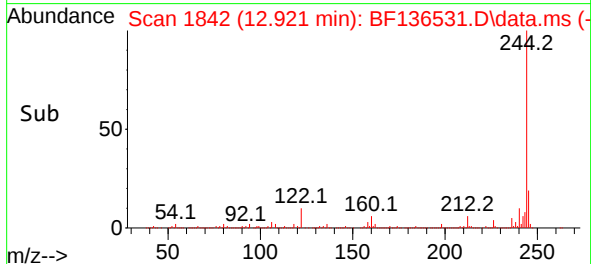
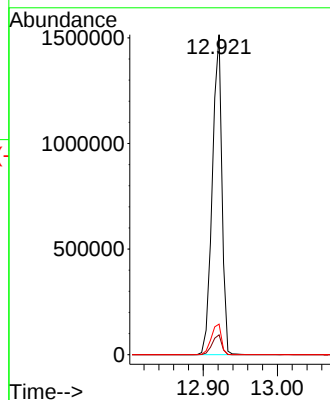
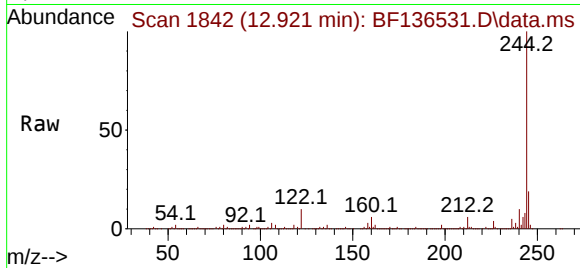


#79
 Terphenyl-d14
 Concen: 81.645 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:244 Resp: 1359692

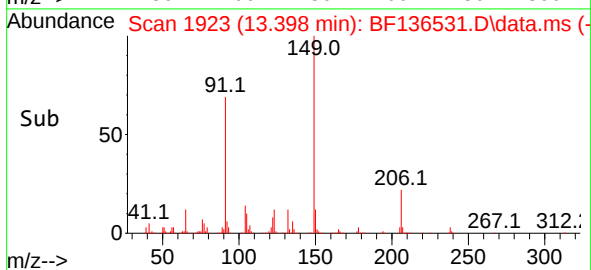
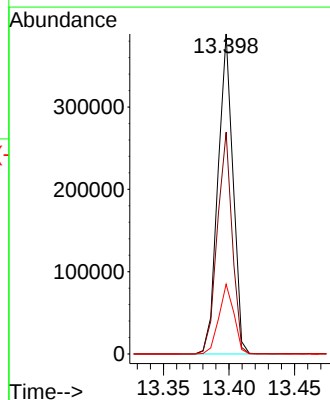
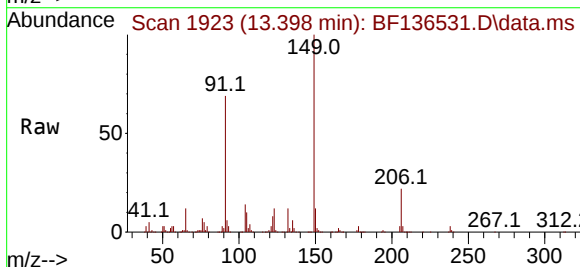
Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	9.5	8.3	12.5

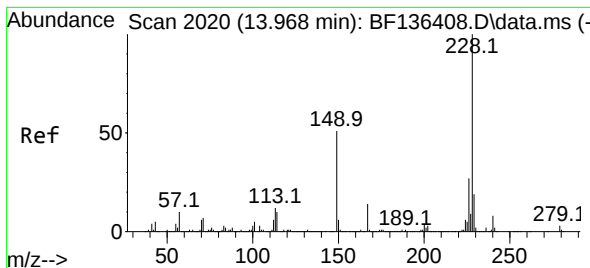


#80
 Butylbenzylphthalate
 Concen: 40.432 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Tgt Ion:149 Resp: 309415

Ion	Ratio	Lower	Upper
149	100		
91	69.3	50.5	75.7
206	21.8	17.4	26.2





#81

Benzo(a)anthracene

Concen: 40.127 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

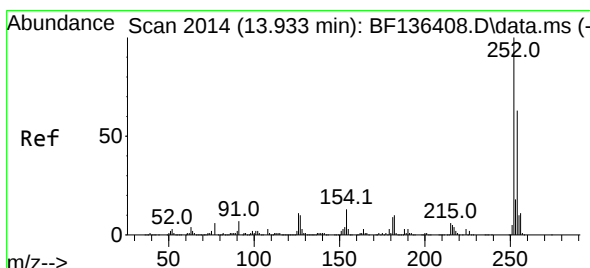
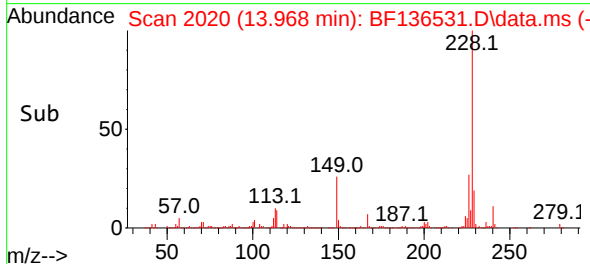
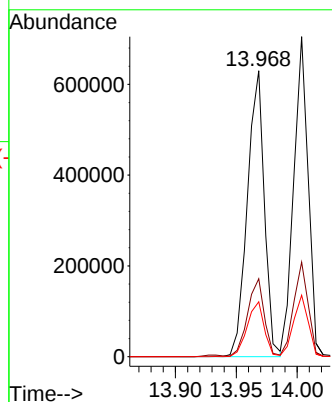
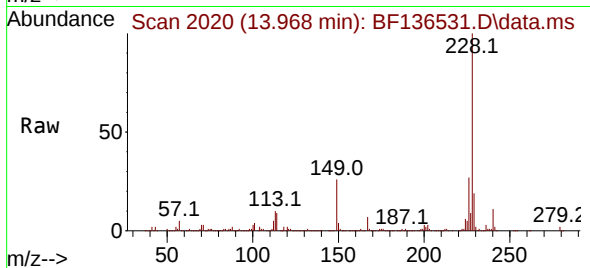
Tgt Ion:228 Resp: 613524

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.2 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 45.579 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

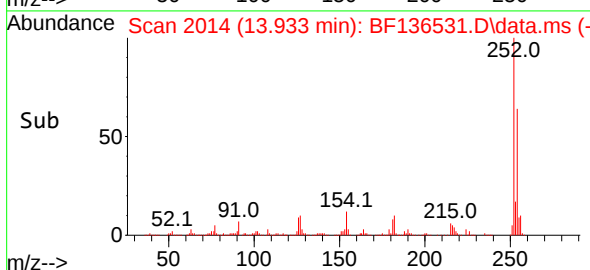
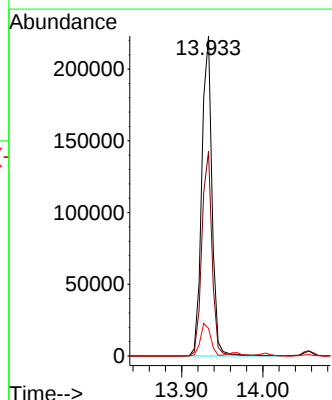
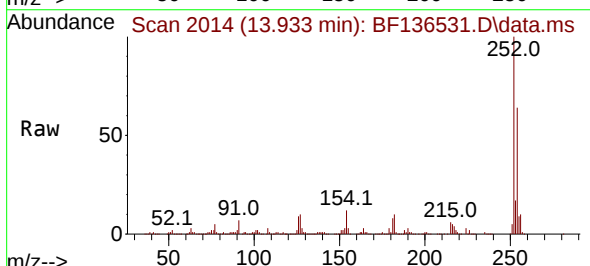
Tgt Ion:252 Resp: 195393

Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 8.7 8.6 12.8





#83

Chrysene

Concen: 38.527 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

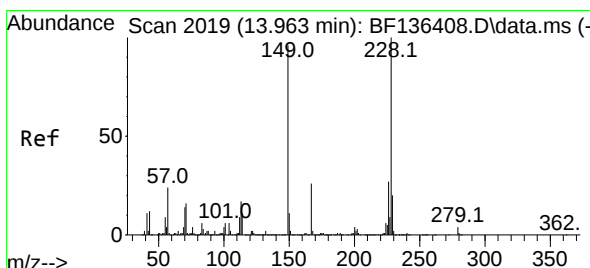
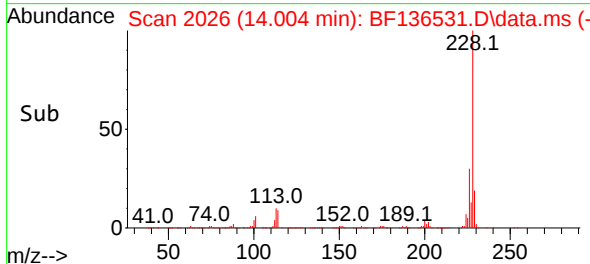
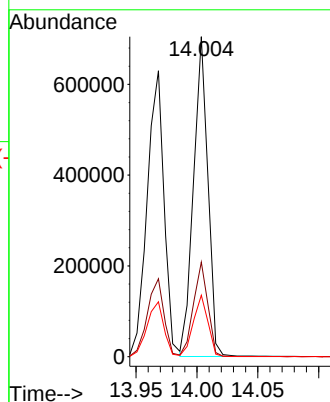
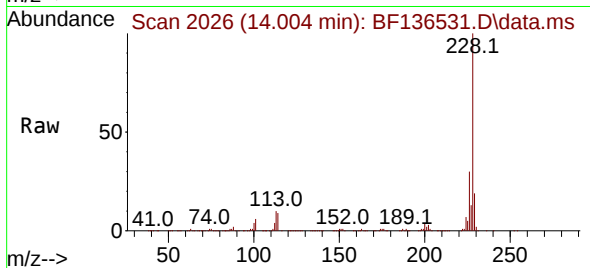
Tgt Ion:228 Resp: 579566

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.2 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.045 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

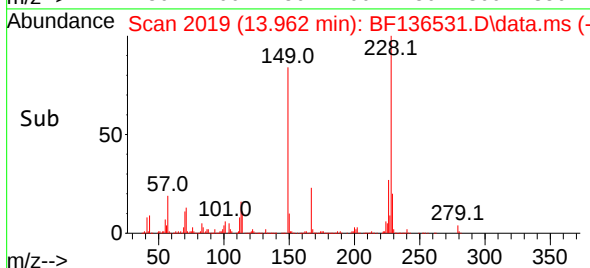
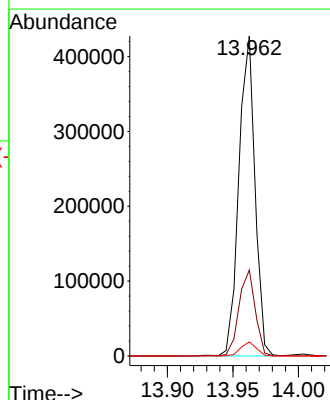
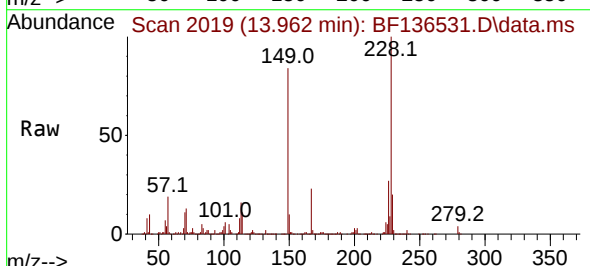
Tgt Ion:149 Resp: 366302

Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 34.604 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

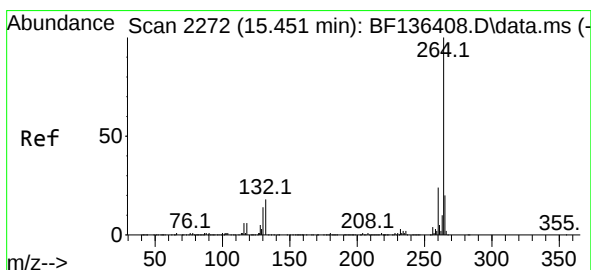
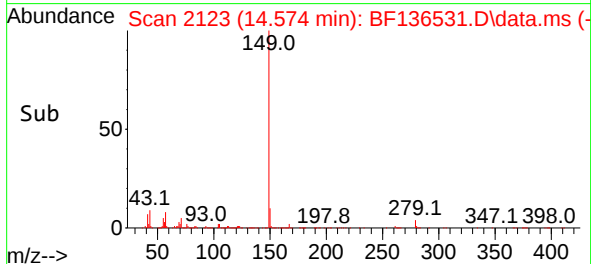
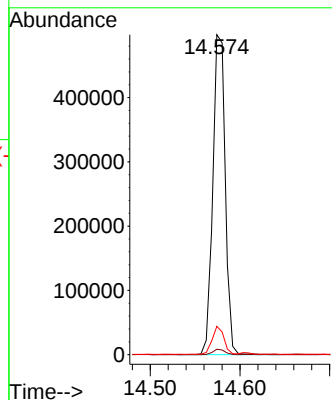
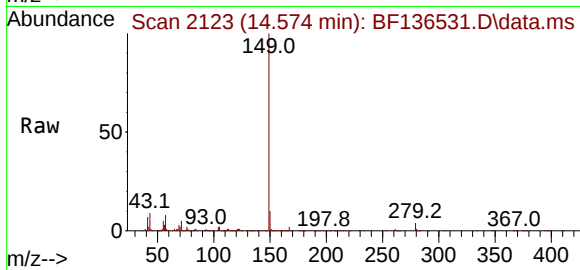
Tgt Ion:149 Resp: 479523

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

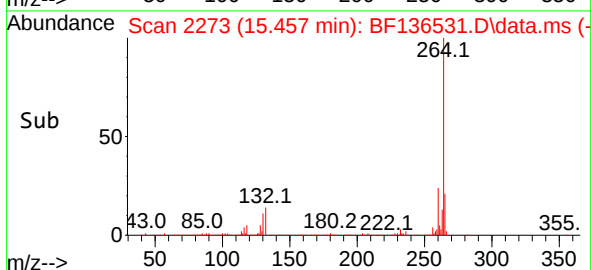
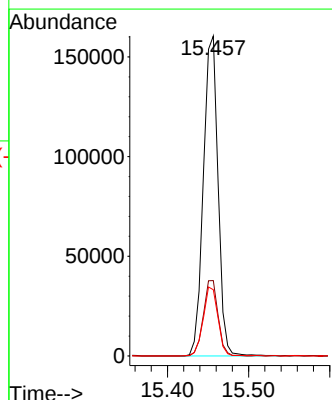
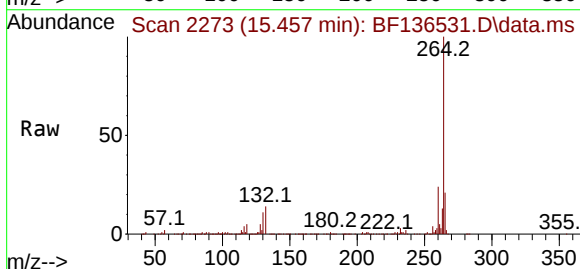
Tgt Ion:264 Resp: 201173

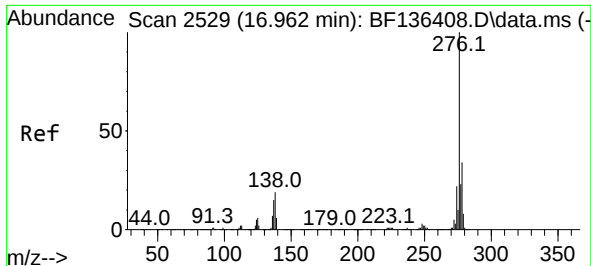
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.7 15.9 23.9

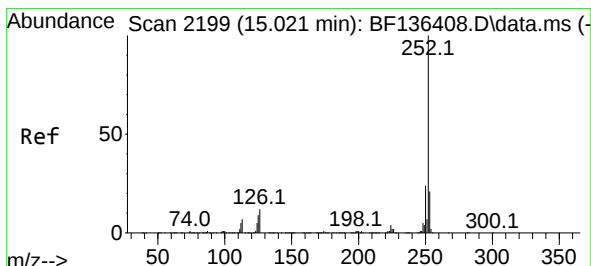
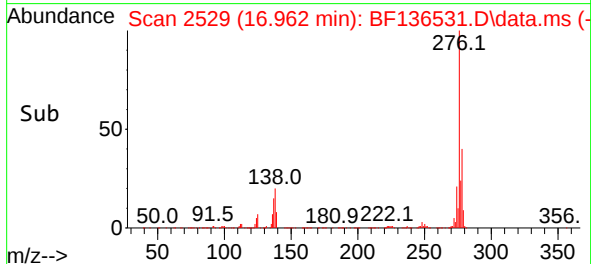
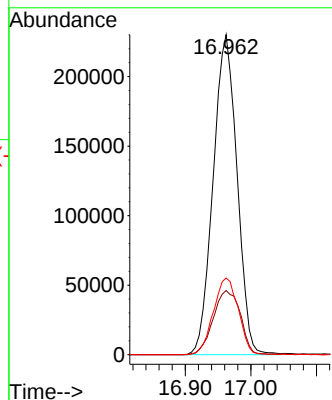
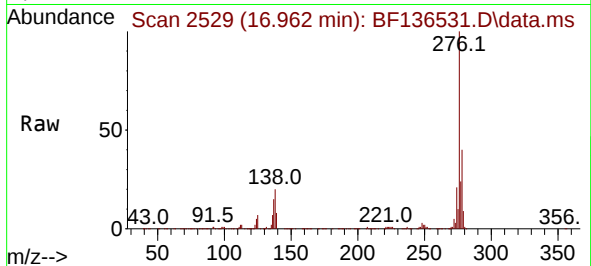




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.587 ng
RT: 16.962 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

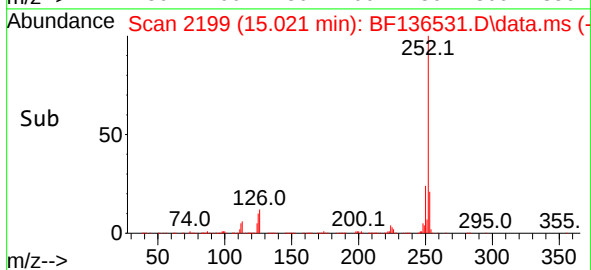
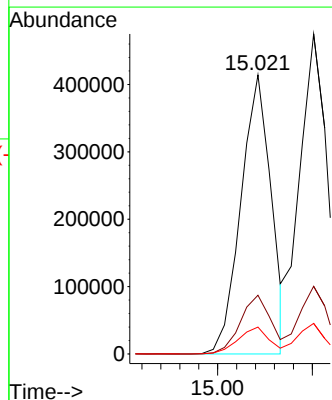
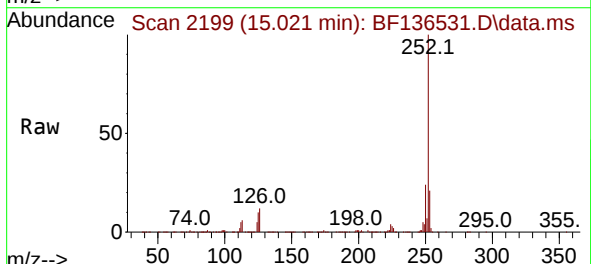
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

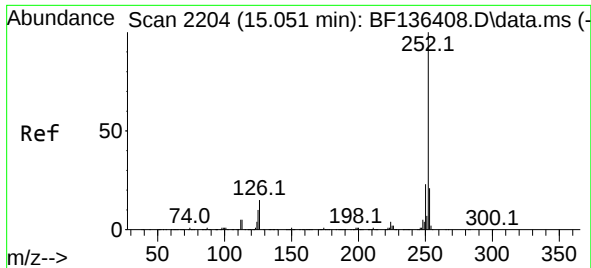
Tgt Ion:276 Resp: 581222
Ion Ratio Lower Upper
276 100
138 23.0 19.0 28.4
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 33.529 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:252 Resp: 461181
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 9.6 7.4 11.2

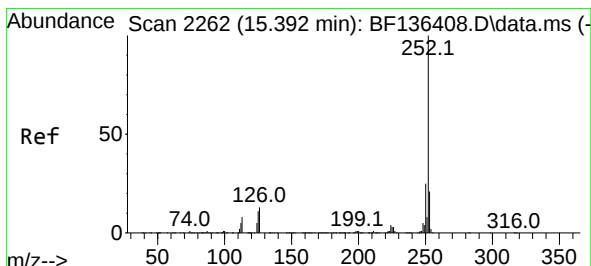
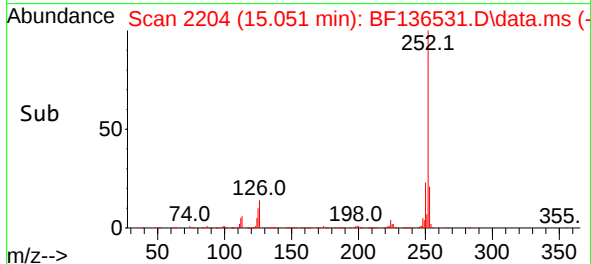
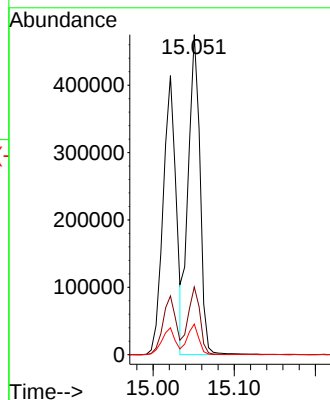
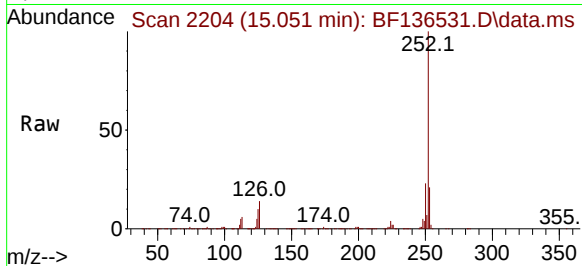




#89
Benzo(k)fluoranthene
Concen: 36.840 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

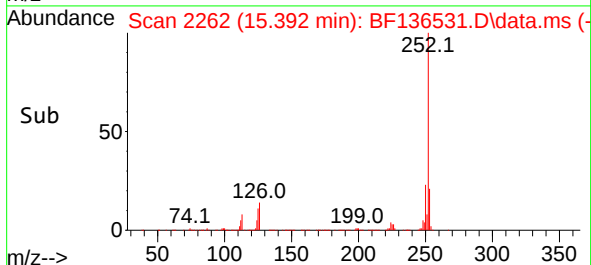
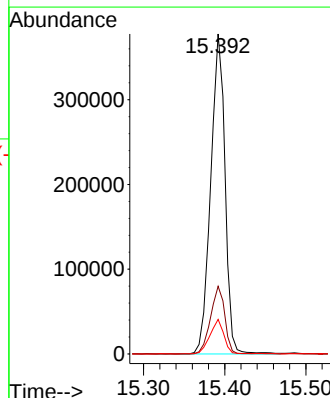
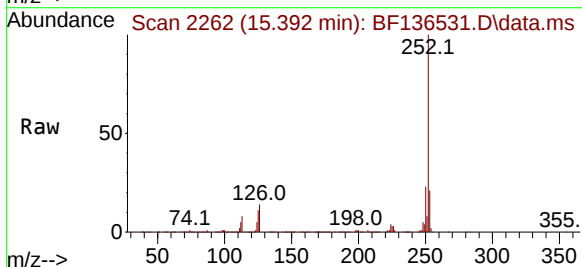
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

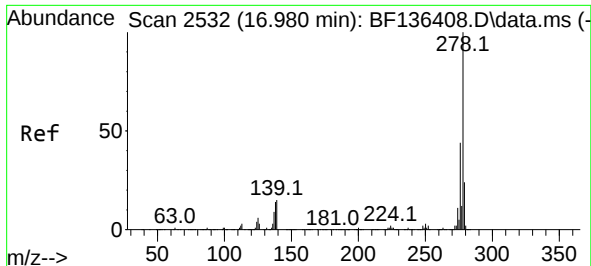
Tgt Ion:252 Resp: 477537
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 40.684 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:252 Resp: 462144
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.4
125 10.8 8.6 13.0

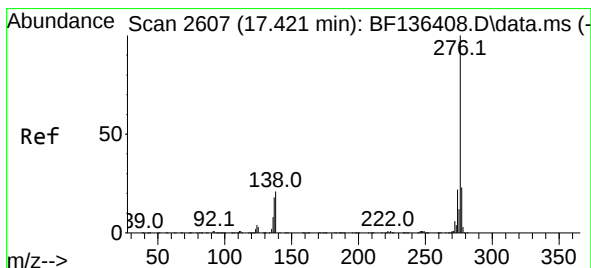
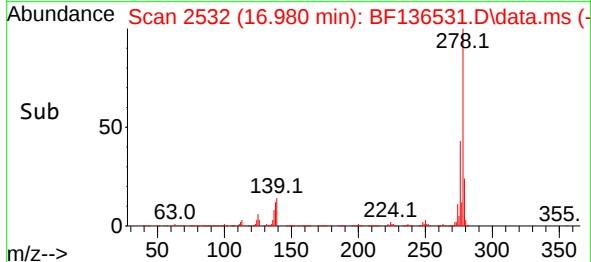
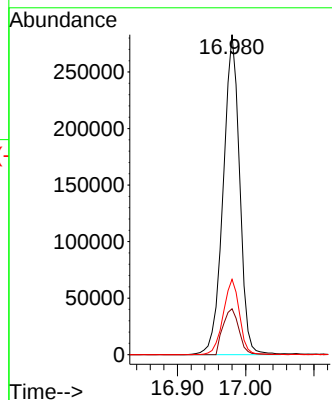
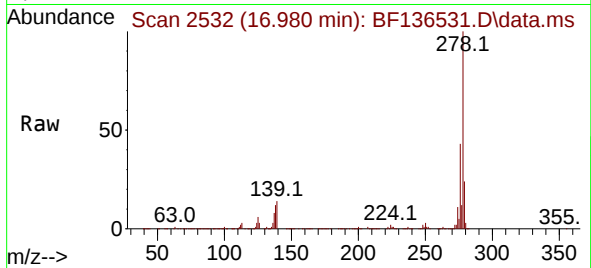




#91
 Dibenzo(a,h)anthracene
 Concen: 41.550 ng
 RT: 16.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 475727
 Ion Ratio Lower Upper
 278 100
 139 14.4 12.2 18.4
 279 23.5 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 41.705 ng
 RT: 17.415 min Scan# 2606
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Tgt Ion:276 Resp: 490110
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.7 28.1
 138 20.4 16.6 25.0

